

Fig. 1



Fig. 2

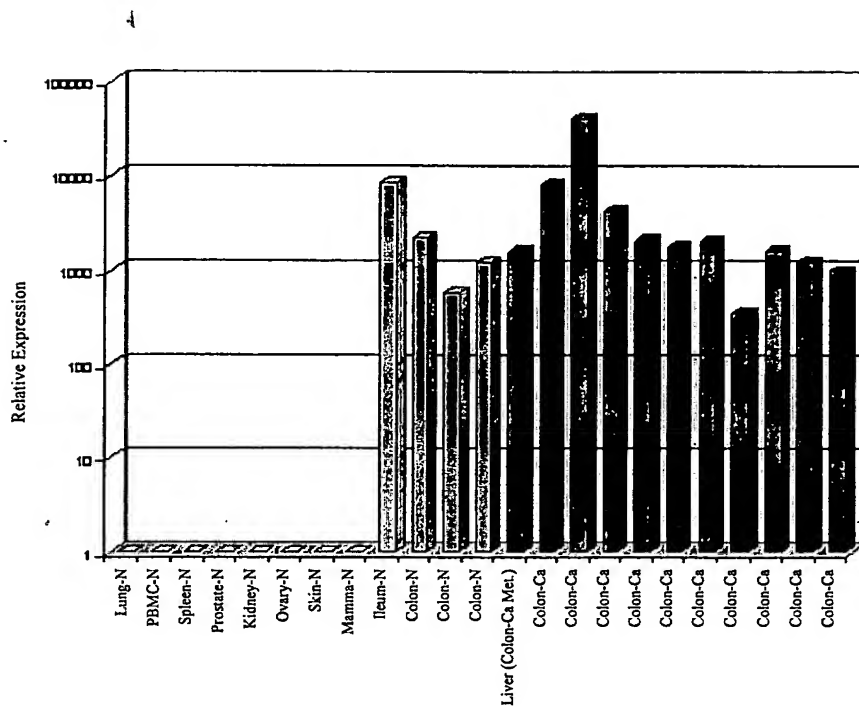


Fig. 3

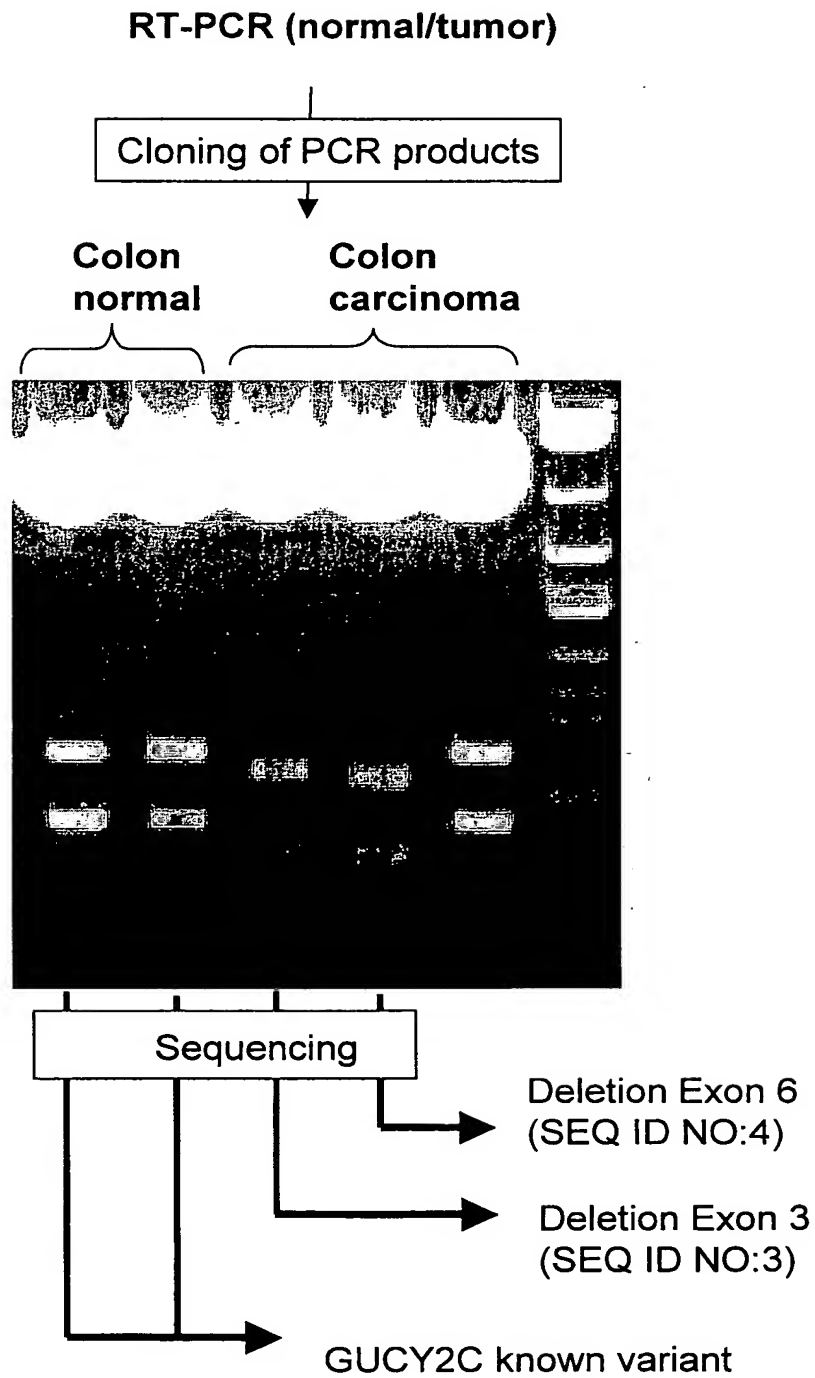
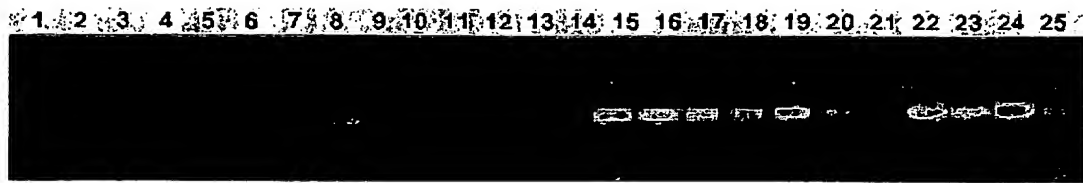
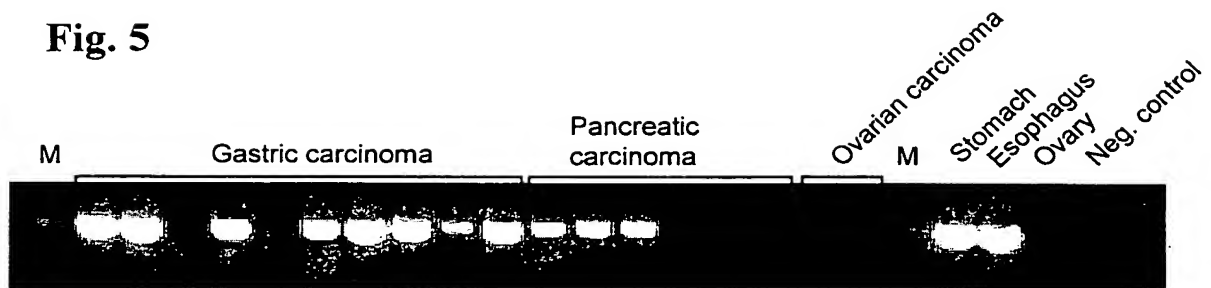


Fig. 4

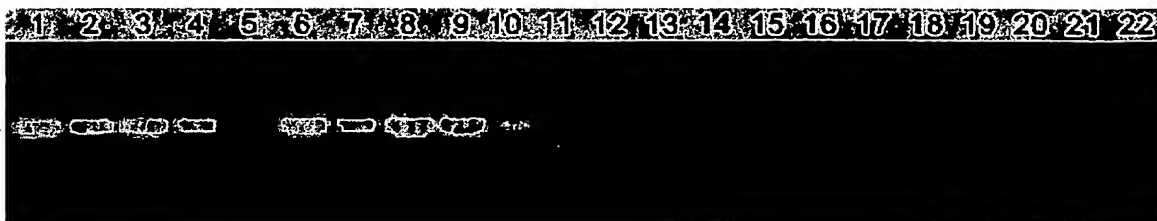


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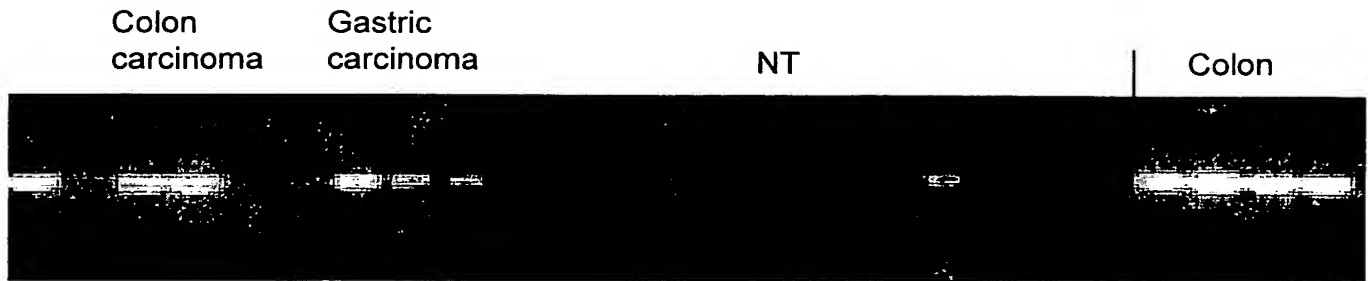
Fig. 5

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Fig. 6



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Fig 7

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Fig. 8

NT

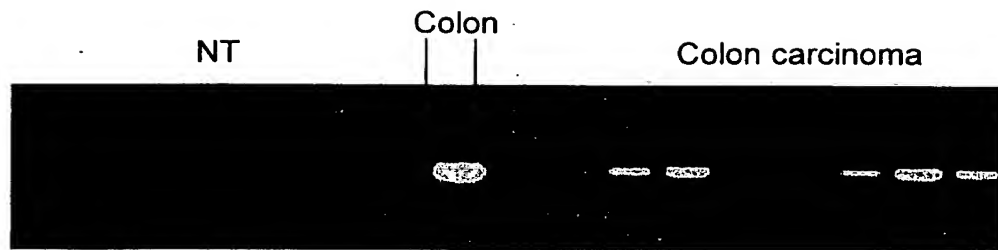
|Colon|

Colon carcinoma



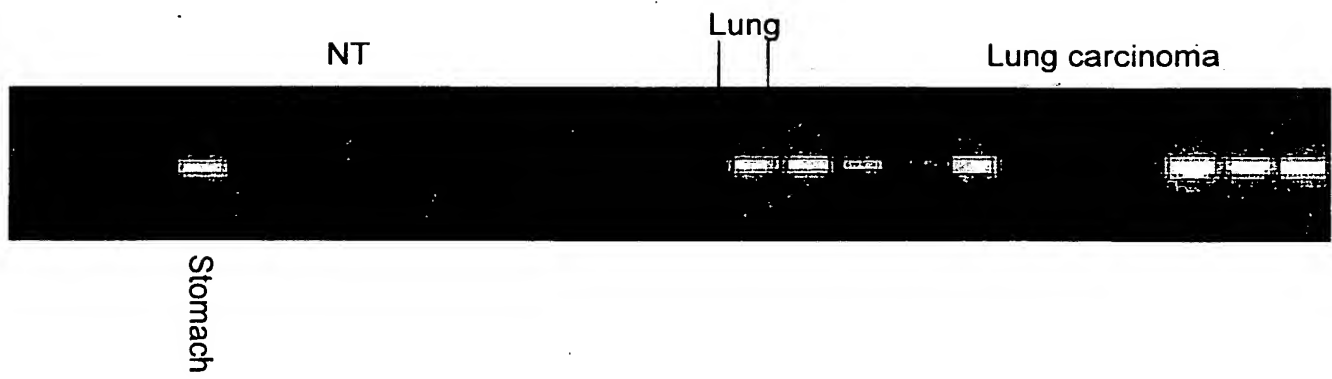
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Fig. 9



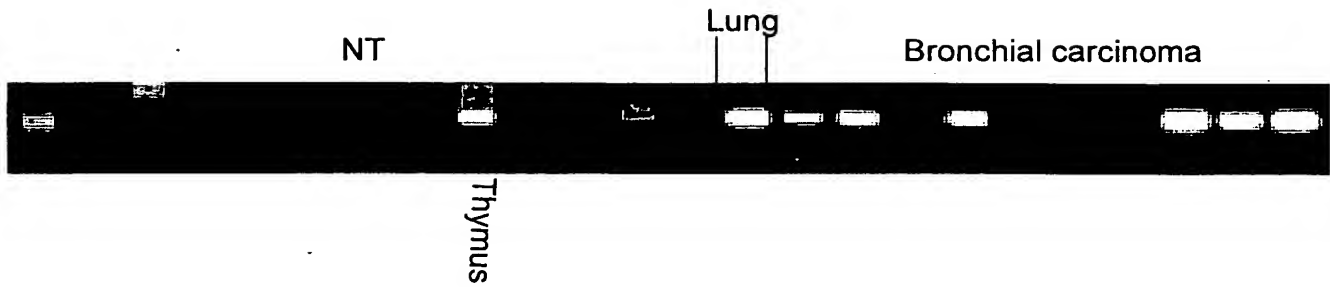
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Fig. 10



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Fig. 11



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Fig. 12

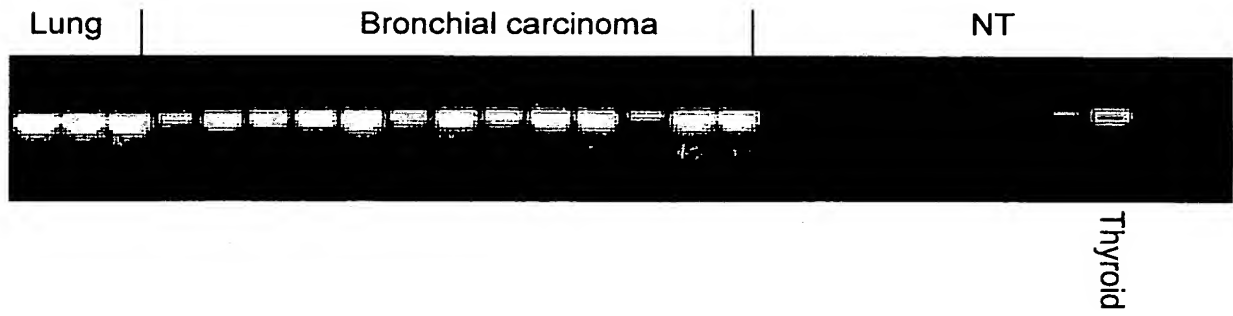
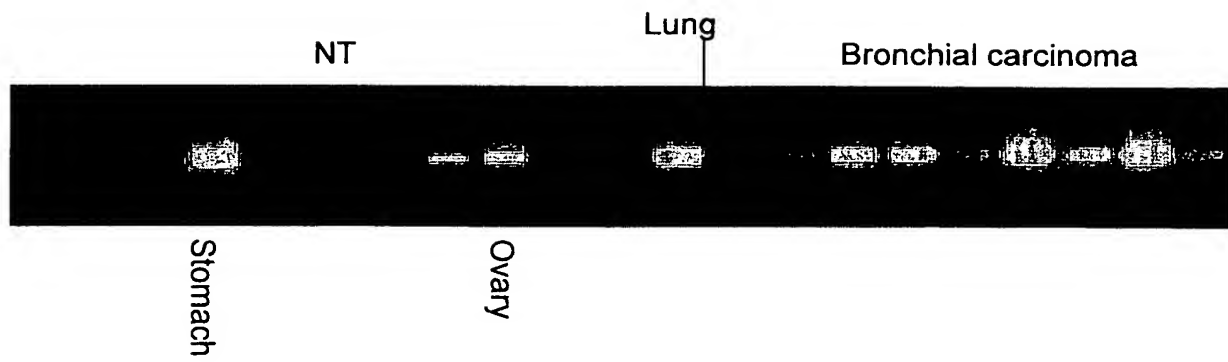
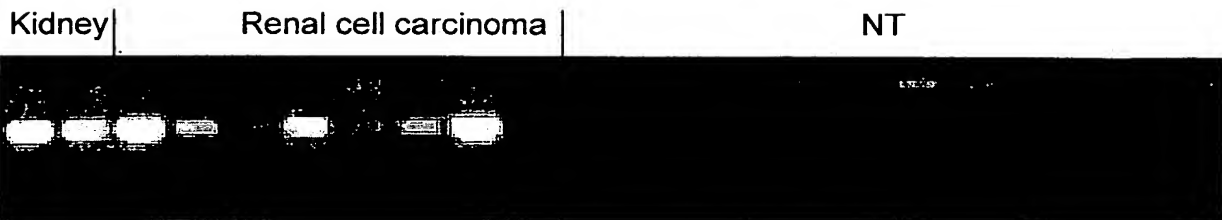


Fig. 13



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Fig. 14

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Fig. 15

Fig. 16



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Fig. 17

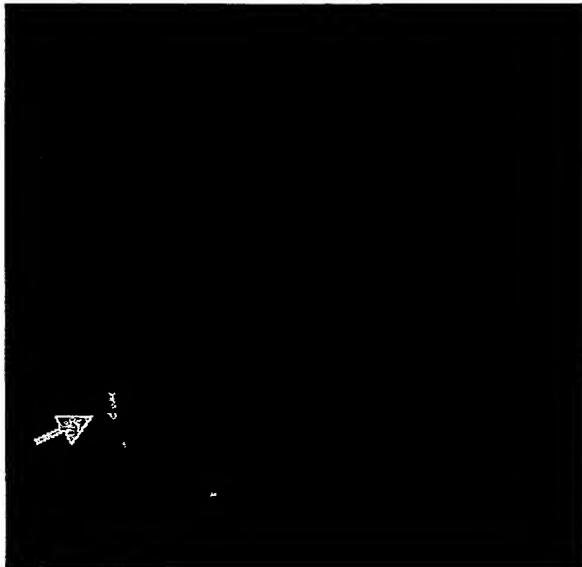
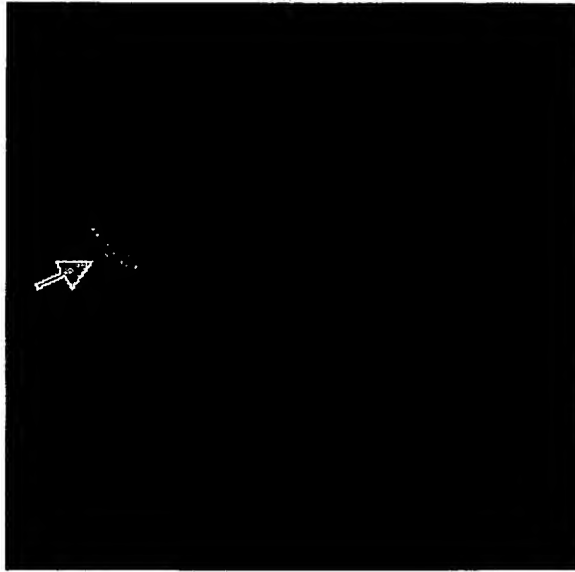
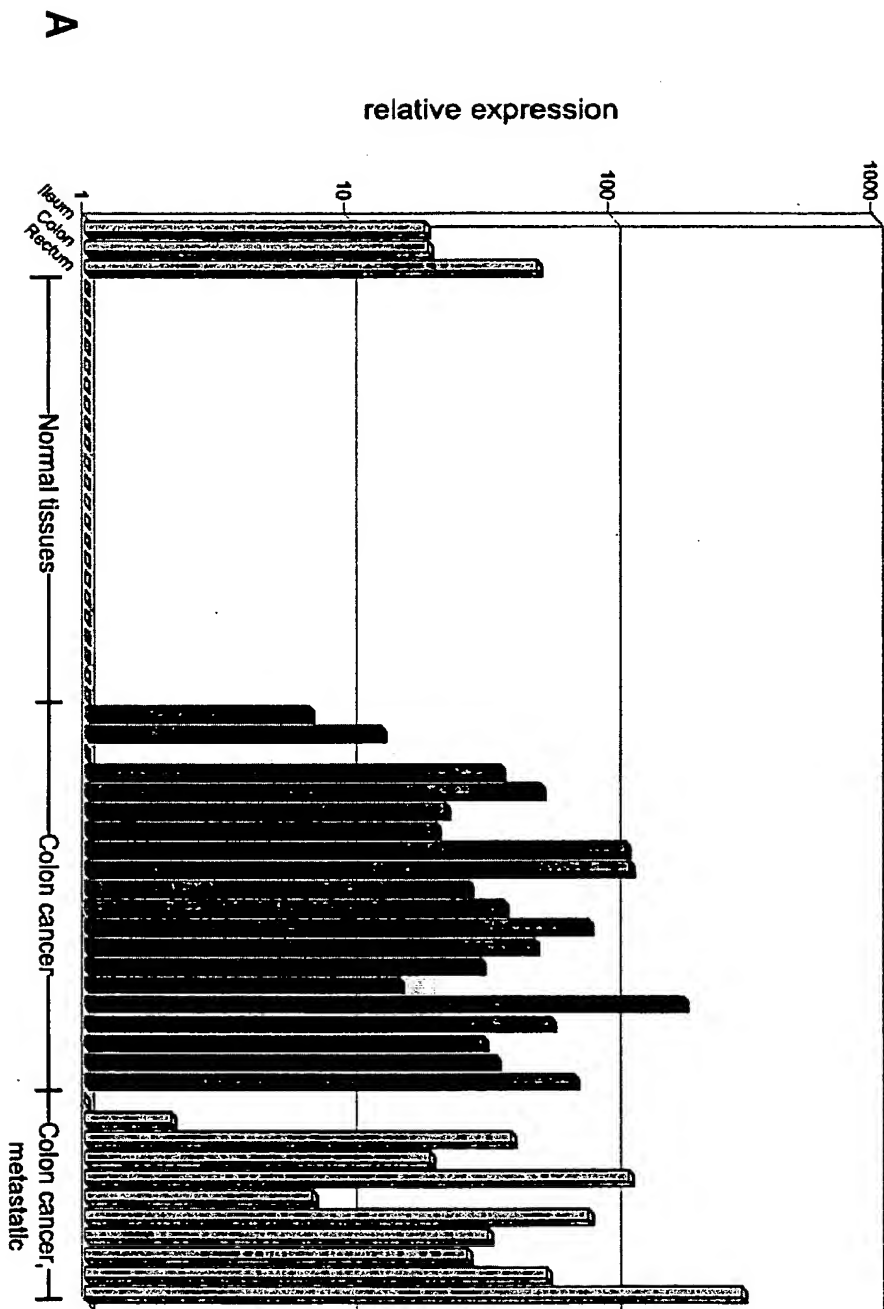


Fig. 18

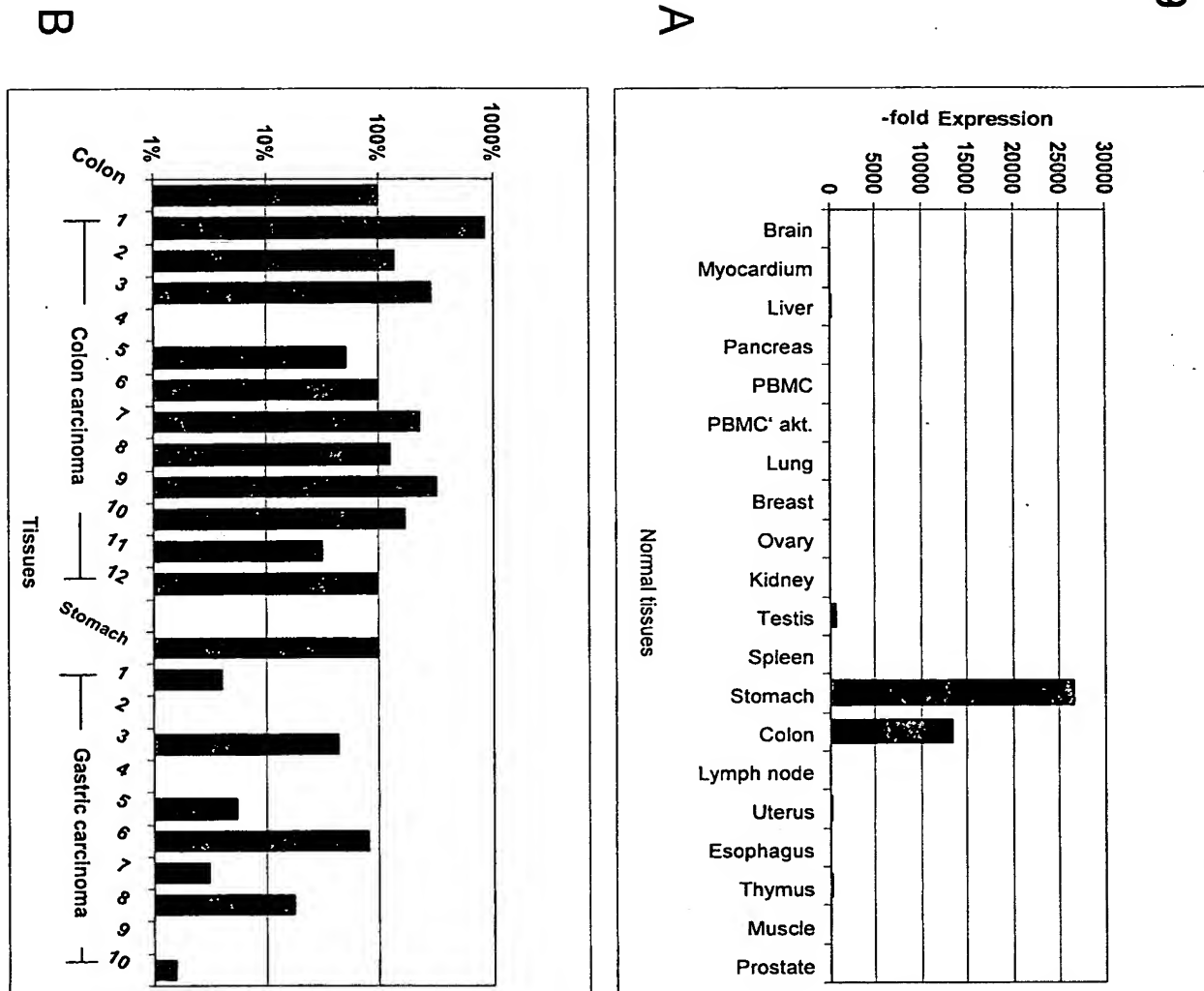


B

Cancer type	Expression	%
colorectal, primary	19/20	95
colorectal, metast.	14/15	93

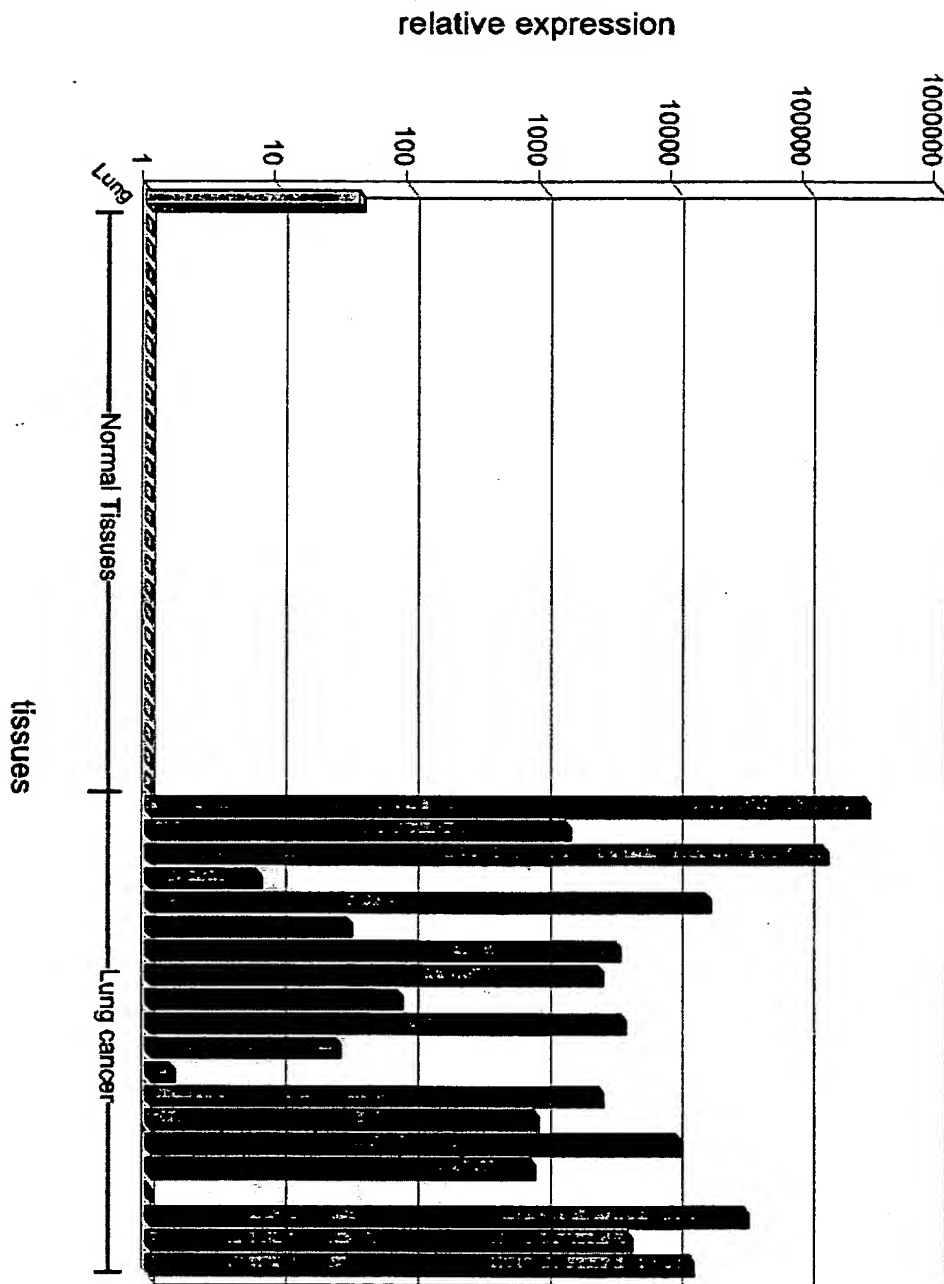
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Fig. 19



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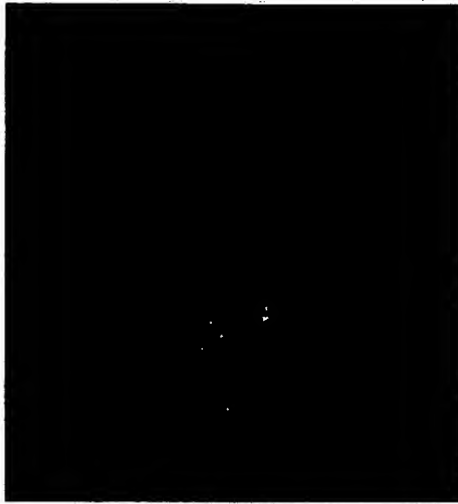
Fig. 20



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Fig. 21

A.



B.



C.



Fig. 22

Potential glycosylation site



A2



A1

Predicted glycosylation sites (amino acid positions)

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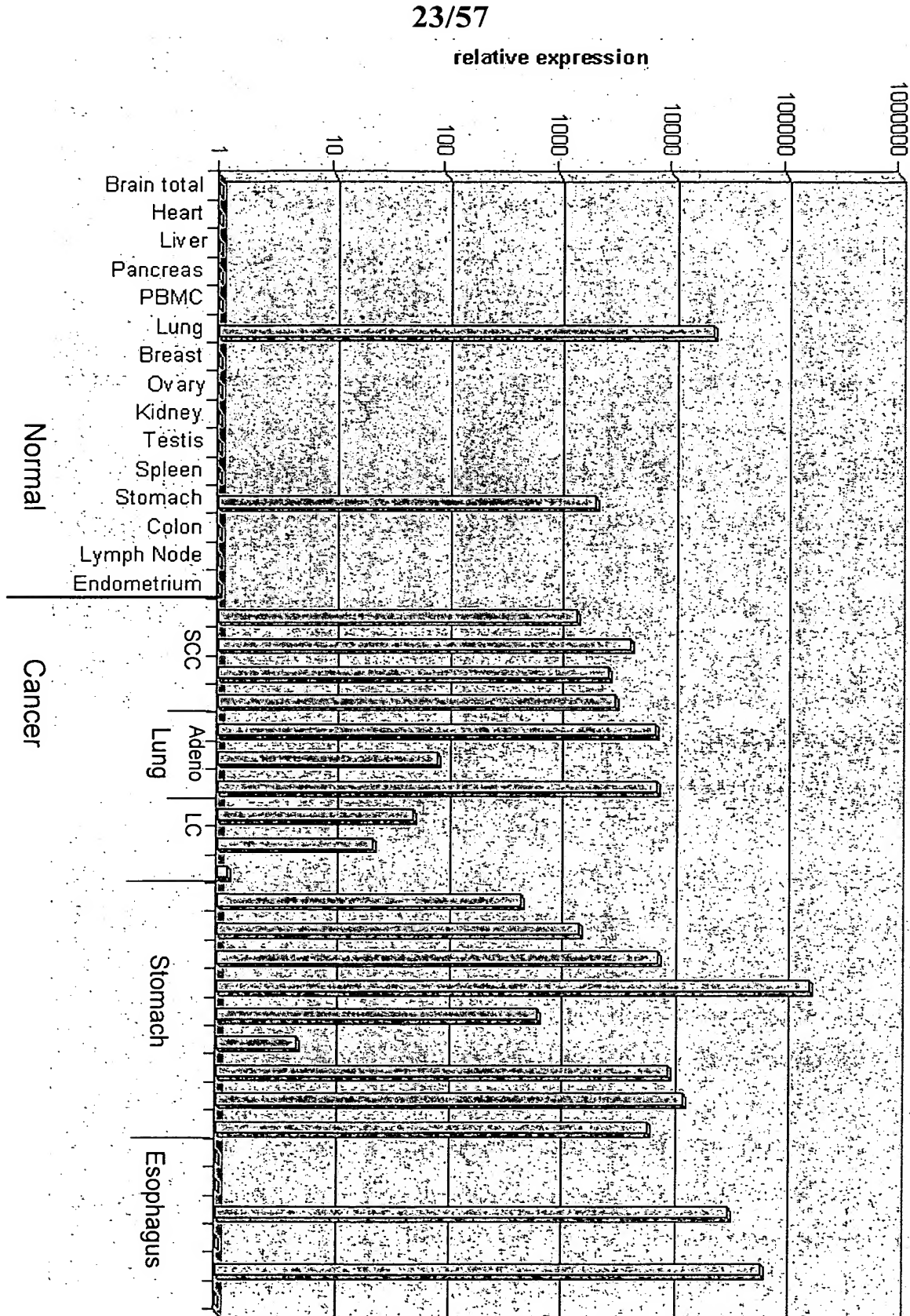
Gastric variant

SeqName	Position	Potential	Jury	NGlyc	Agreement	Result
Sequence	37	0.7219	(9/9)	++		
Sequence	38	0.6502	(8/9)	+		
Sequence	45	0.6026	(8/9)	+		
Sequence	116	0.5713	(7/9)	+		
Sequence	141	0.6348	(7/9)	+		
Sequence	146	0.5187	(6/9)	+		
Sequence	153	0.4696	(5/9)	-		
Sequence	205	0.6011	(8/9)	+		
Sequence	234	0.3960	(8/9)	-		
Sequence	237	0.4602	(6/9)	-		

Lung variant

SeqName	Position	Potential	Jury	NGlyc	Agreement	Result
Sequence	38	0.7102	(9/9)	++		
Sequence	116	0.5713	(7/9)	+		
Sequence	141	0.6347	(7/9)	+		
Sequence	146	0.5186	(6/9)	+		
Sequence	153	0.4696	(5/9)	-		
Sequence	205	0.6009	(8/9)	+		
Sequence	234	0.3956	(8/9)	-		
Sequence	237	0.4603	(6/9)	-		

Fig. 23



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relative expression

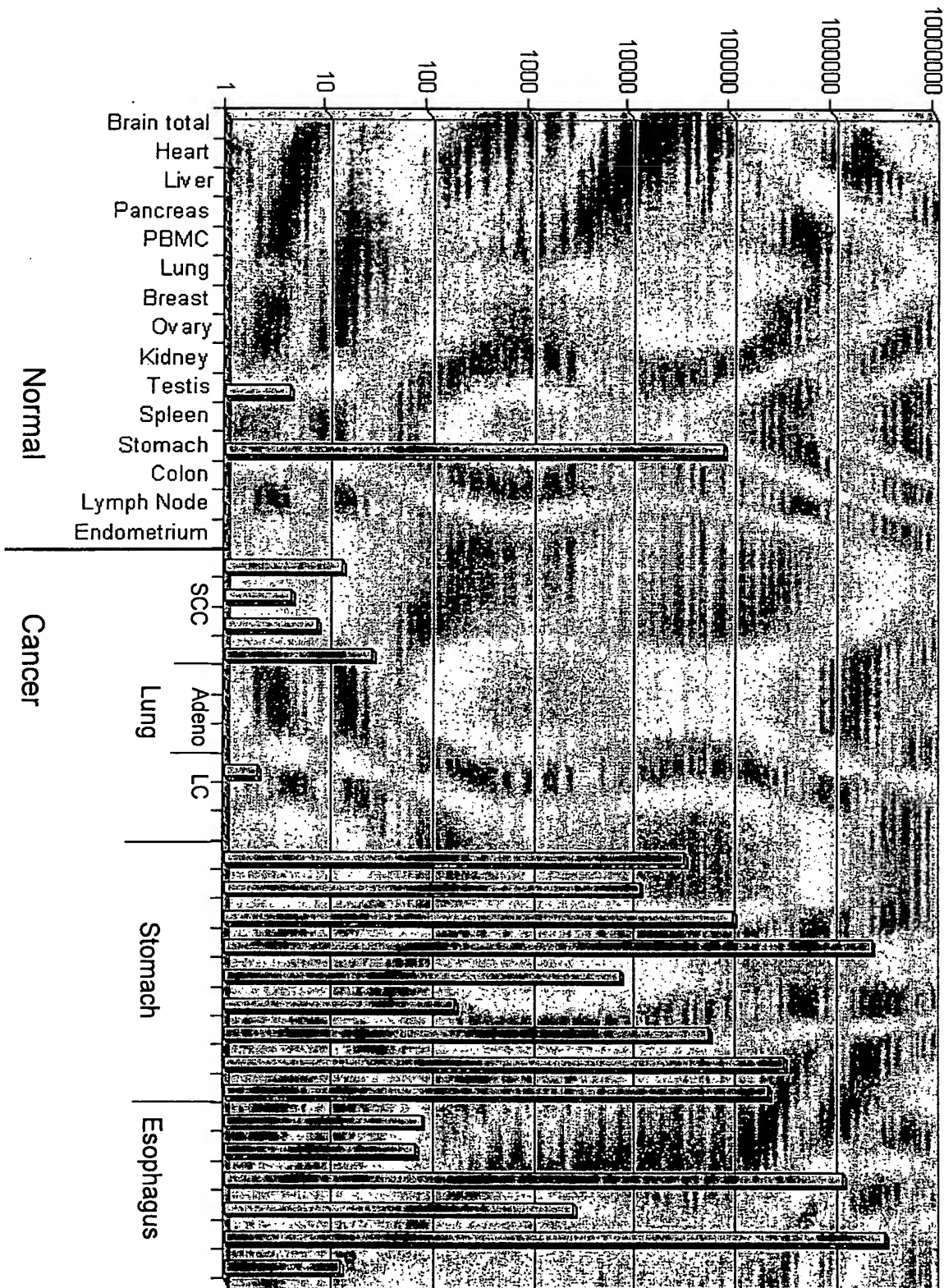
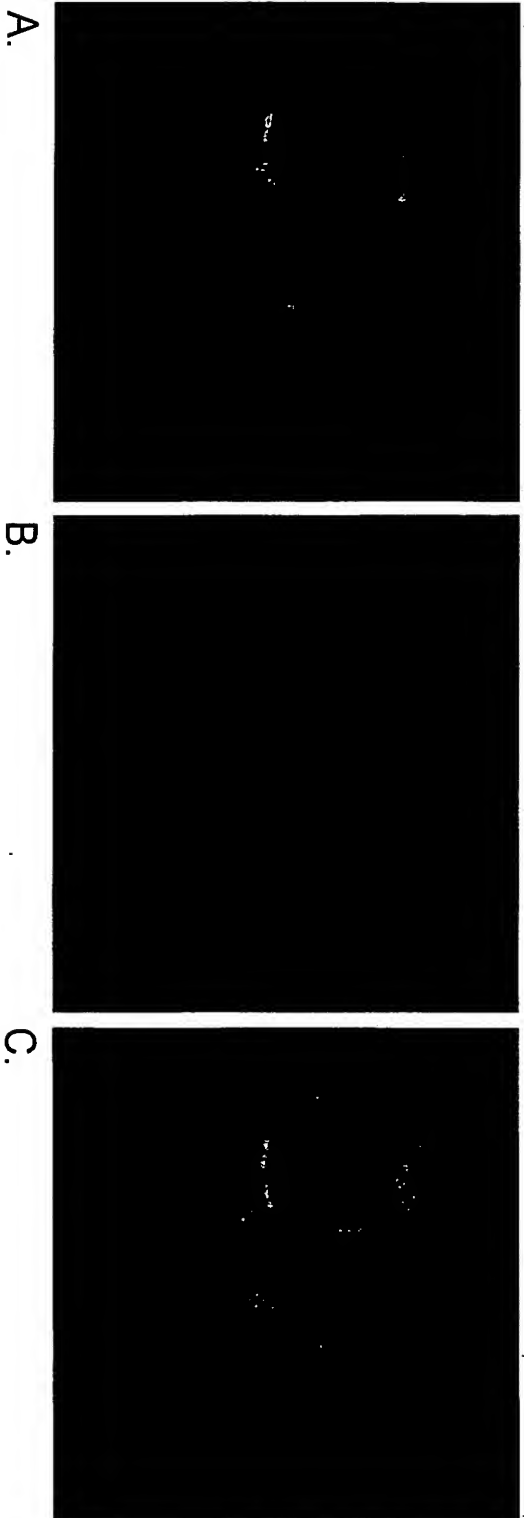


Fig. 24

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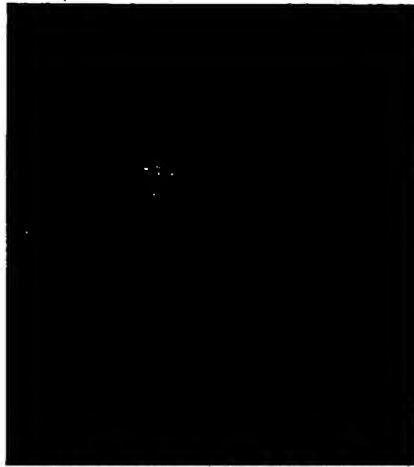
Fig. 25



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Fig. 26

A.



B.



C.



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Fig. 27

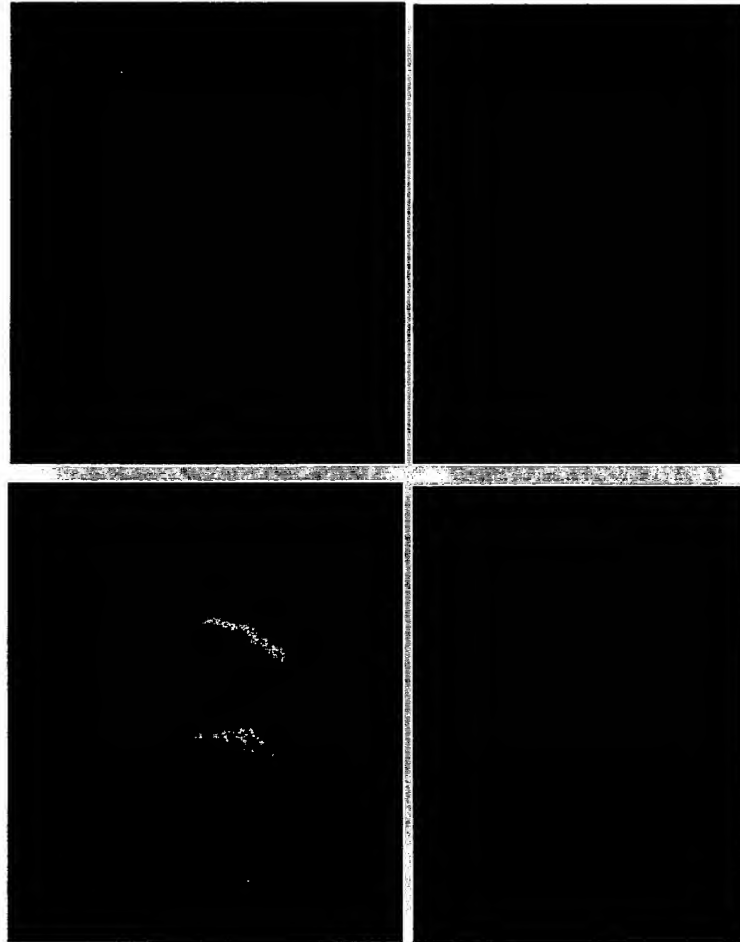
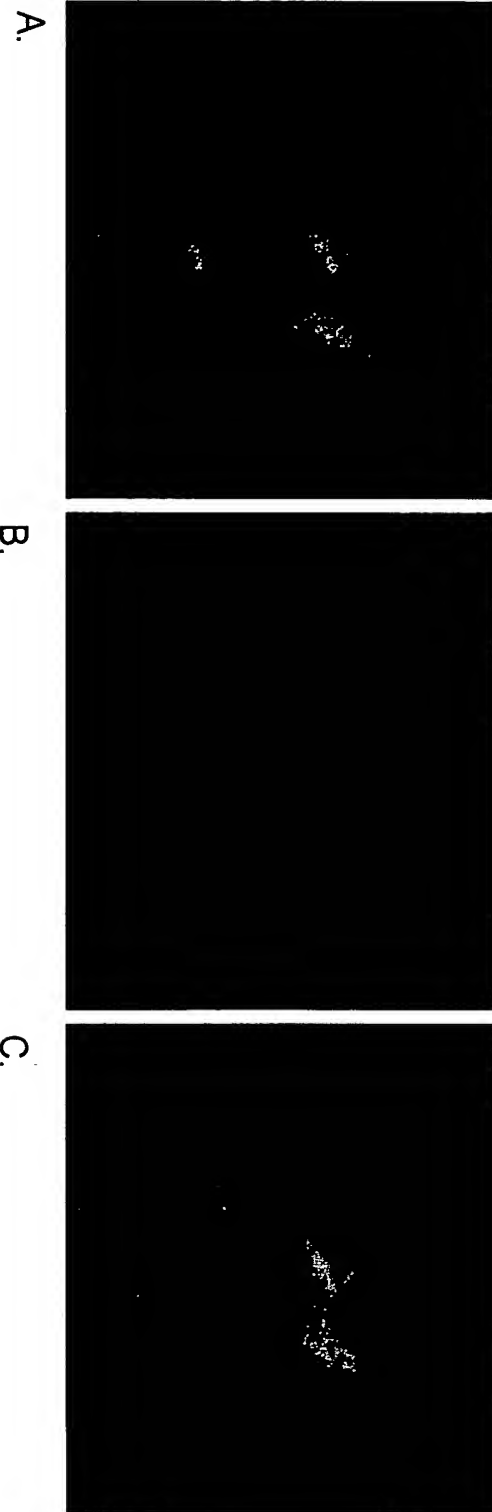
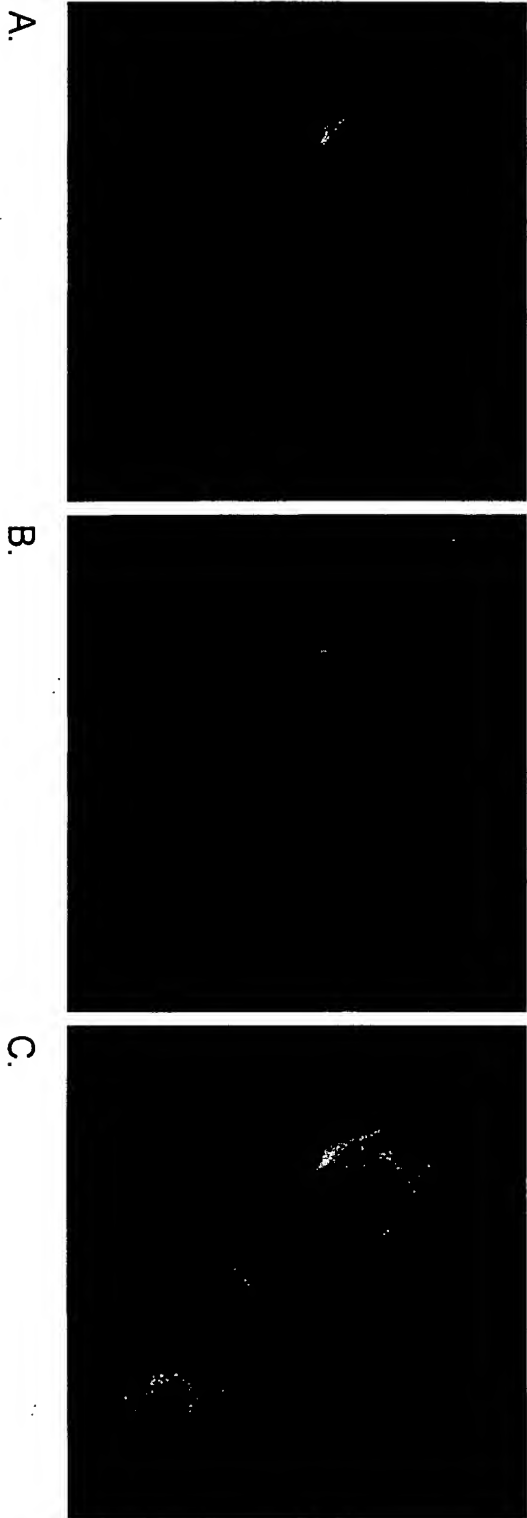


Fig. 28

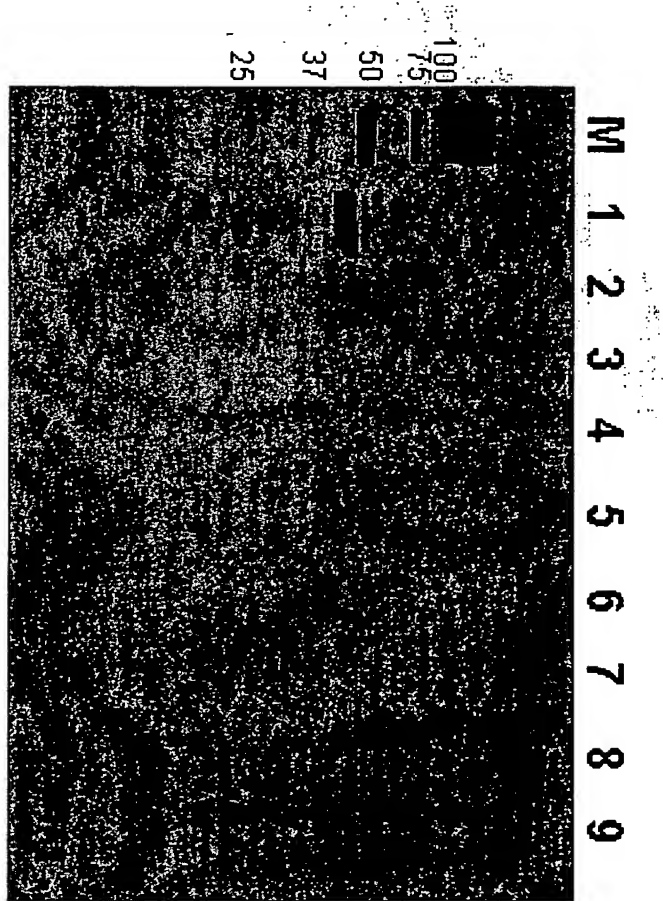


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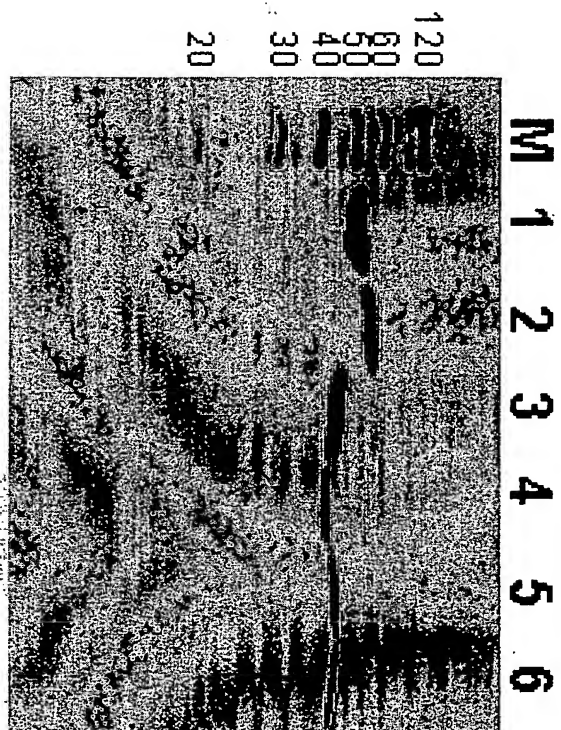
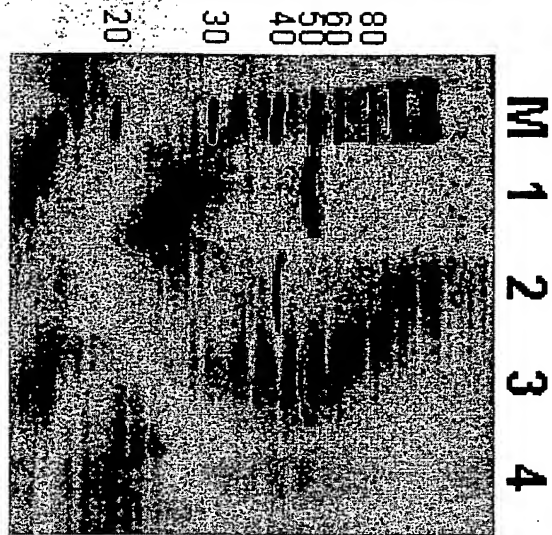
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Fig. 29



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Fig. 30



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Fig. 31



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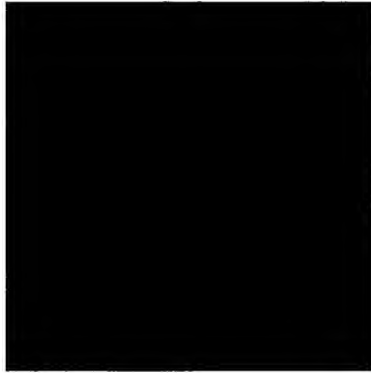
Fig. 32



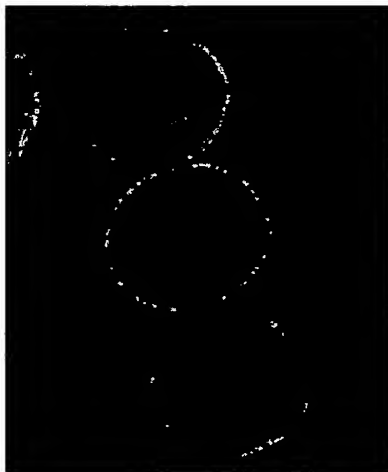
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Fig. 33

A.



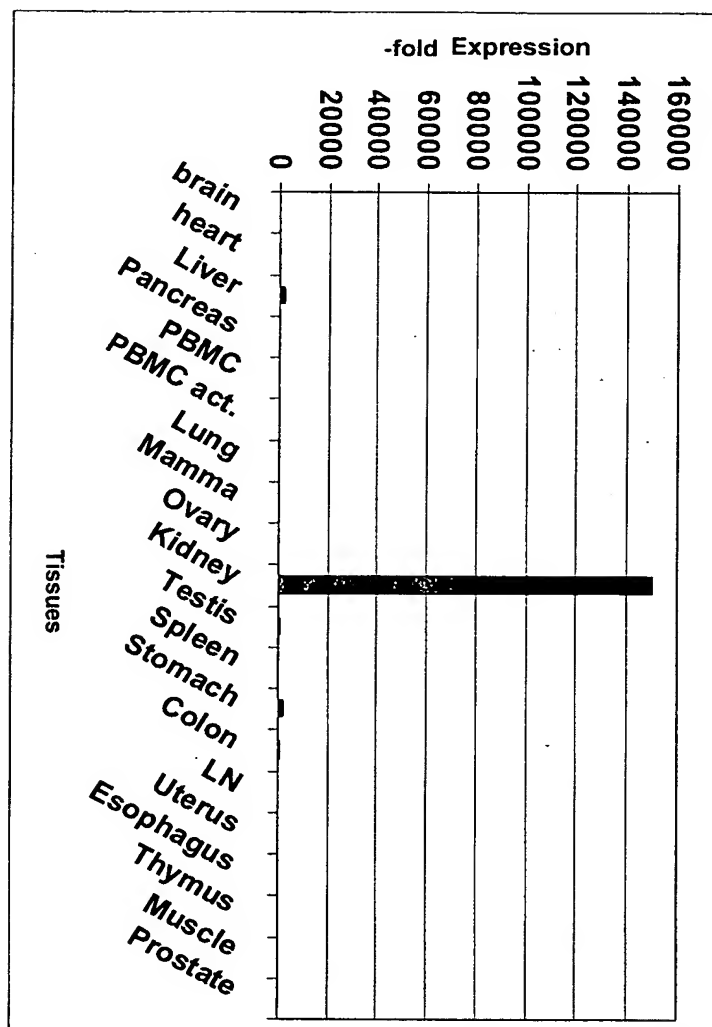
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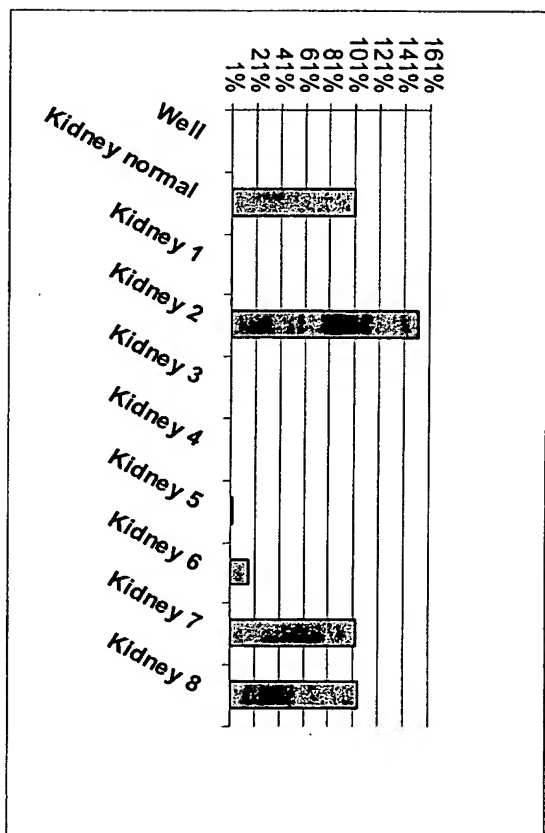
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Fig. 34

A



B



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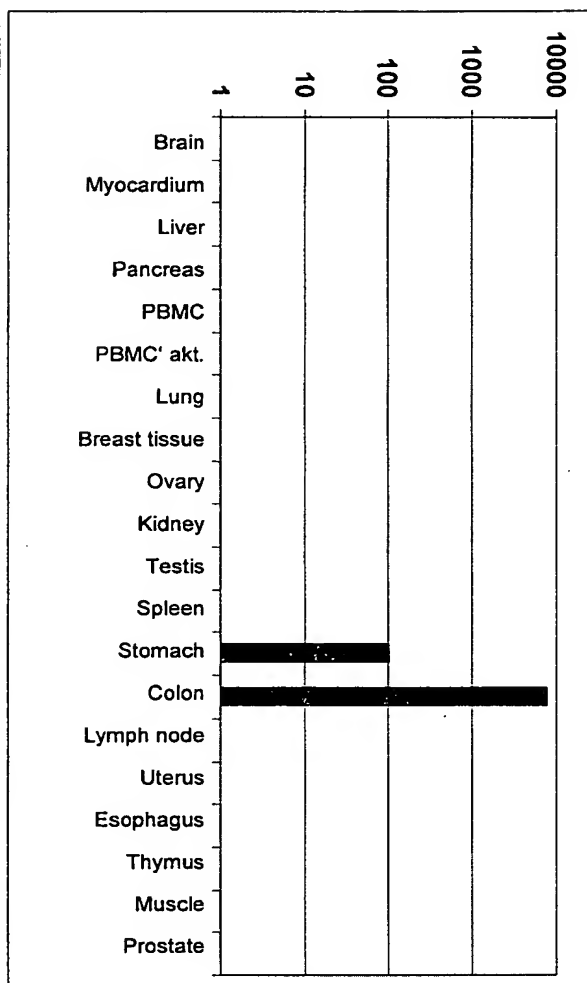
Fig. 35



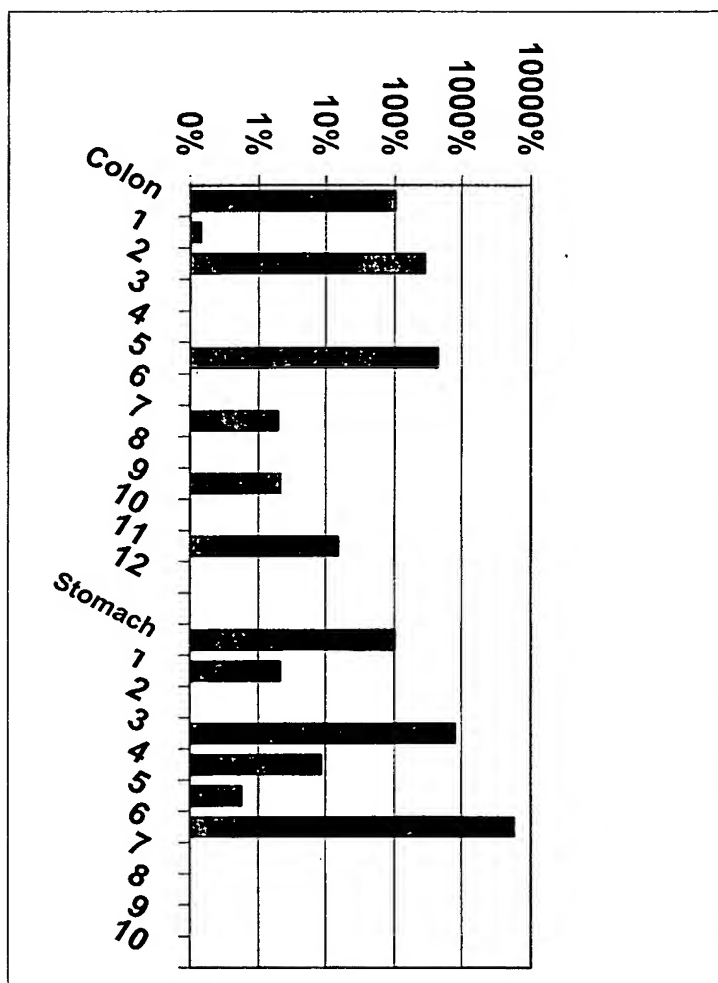
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Fig. 36

A



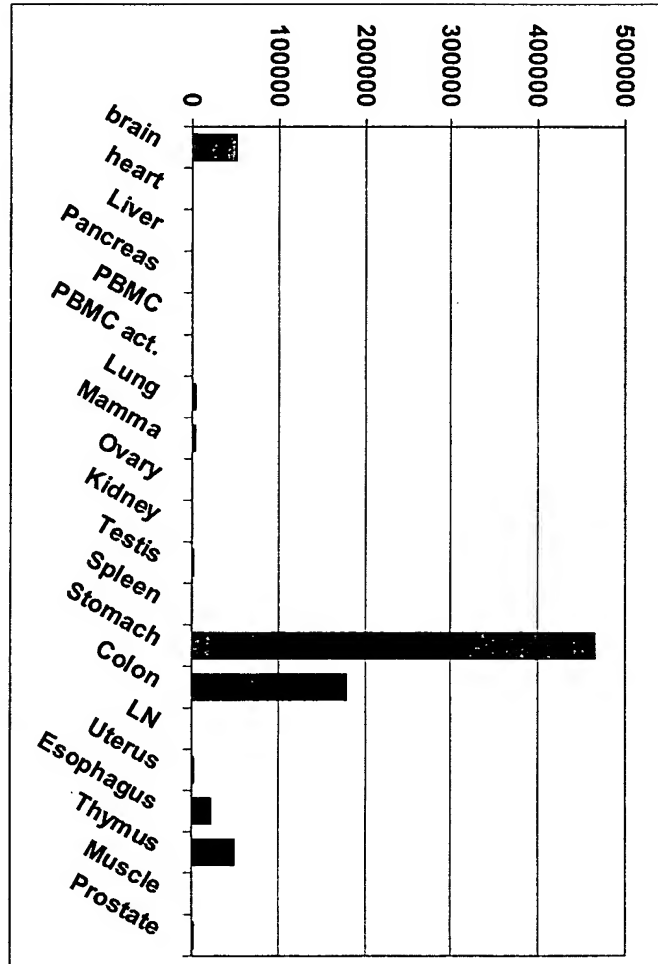
B



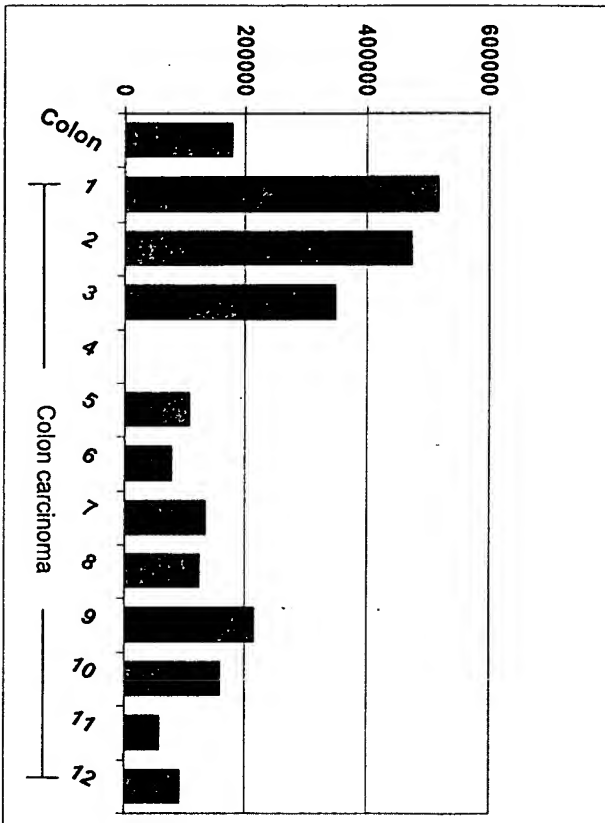
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Fig. 37

A

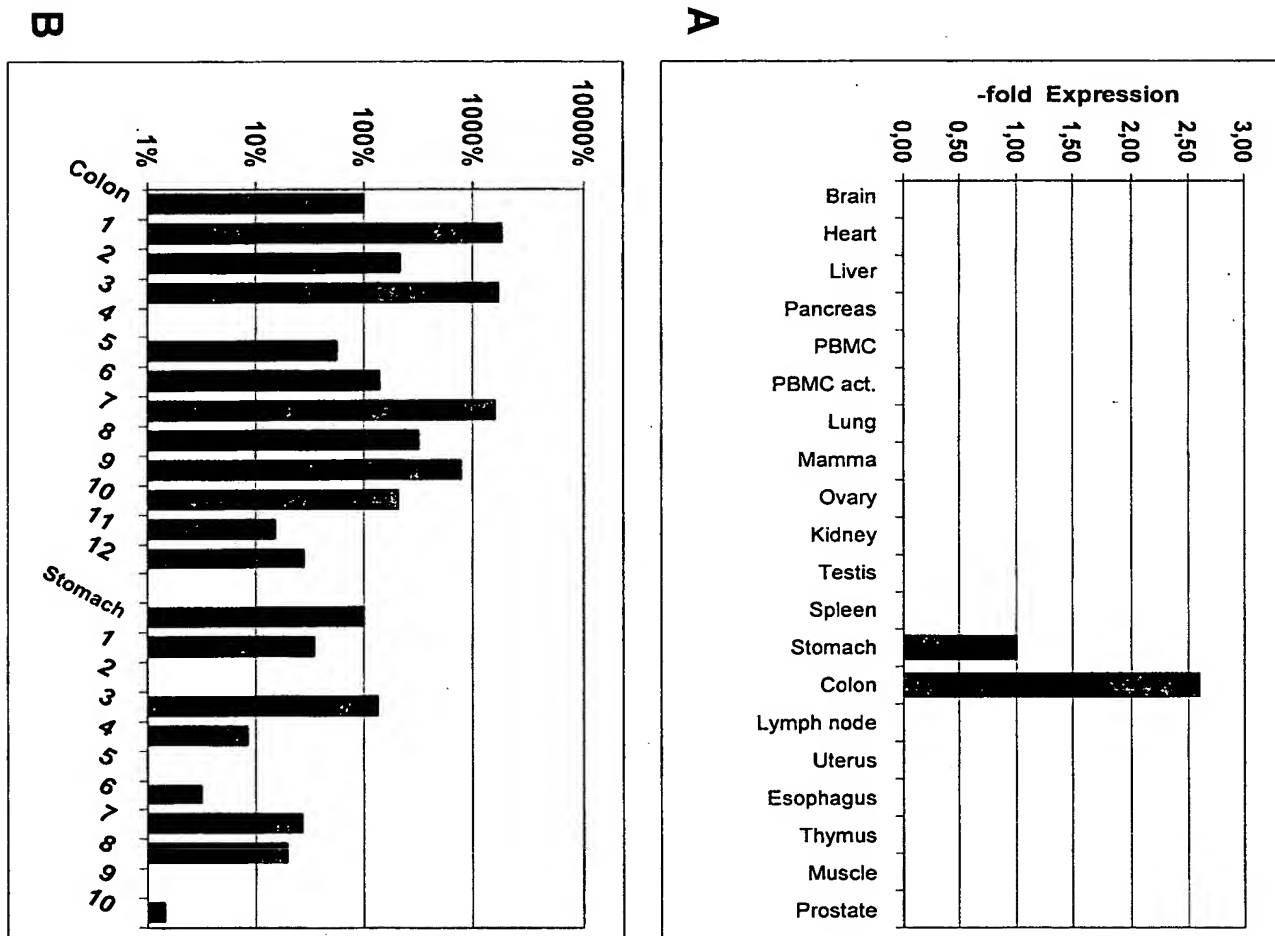


B



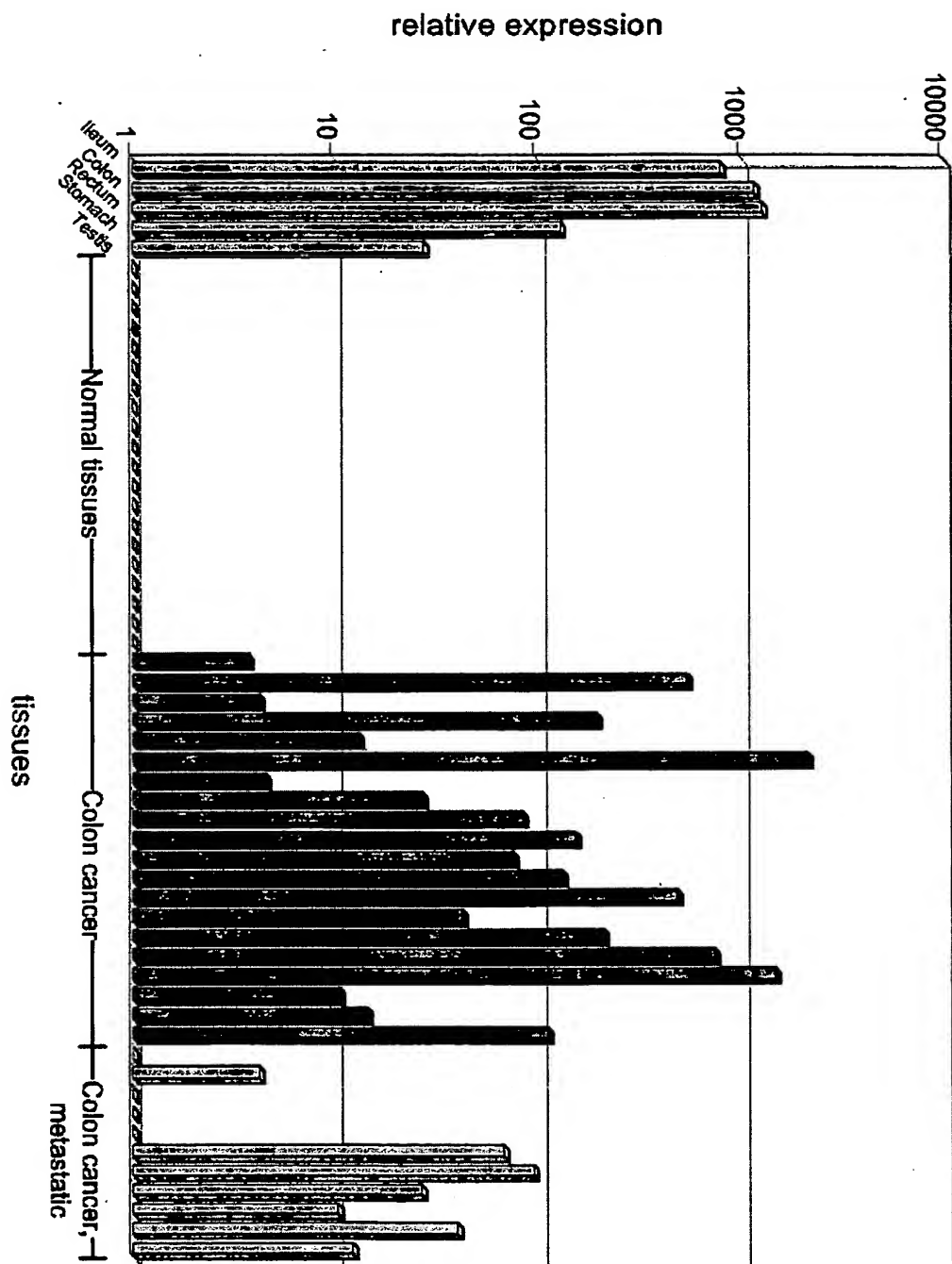
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Fig. 38



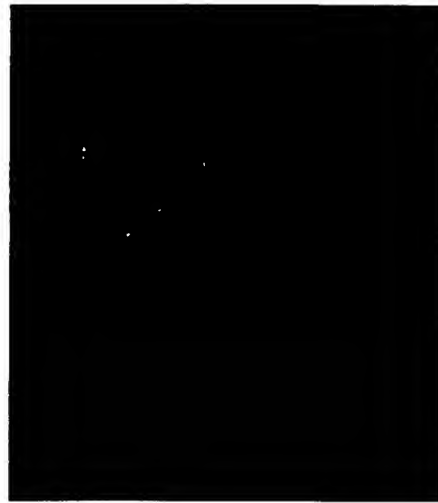
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Fig. 39



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Fig. 40



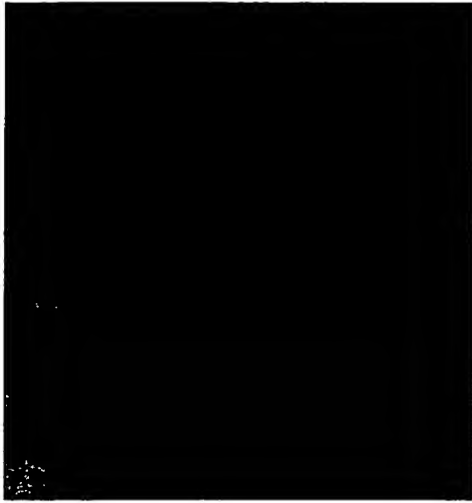
A



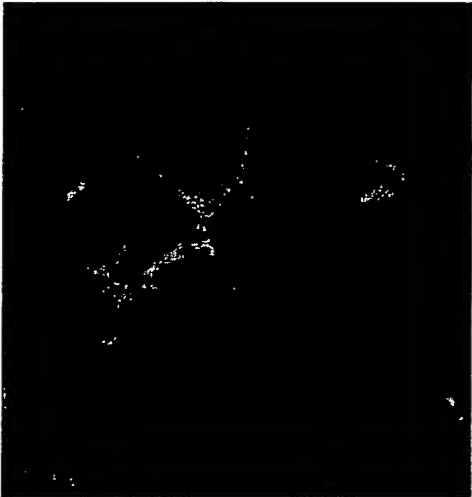
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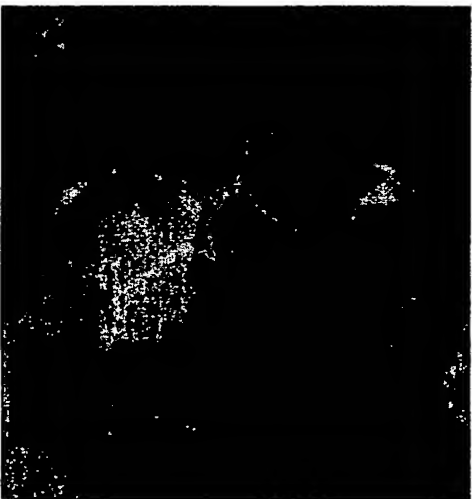
C



A



B



C

Fig. 41

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#4	<p>ATGAAGACGTTGCTGTTGGACTTGGCTTTGTGGTCACTGCTCTTCCAGCCCGGGTGGCTGTCTTTAGTT CCCAGGTGAGTCAGAACTGCCACAATGGCAGCTATGAAATCAGCGTCCTGATGATGGGCAACTCAGCCTT TGCAGAGCCCCCTGAAAAACTTGGAAGATGCGGTGAATGAGGGGCTGGAAATAGTGAGAGGACGTCTGCAA AATGCTGGCCTAAATGTGACTGTGAACGCTACTTTTCATGTATTCCGATGGTCTGATTCTAACTCAGGCG ACTGCCGGAGTAGCACCTGTGAAGGCCCTCGACCTACTCAGGAAAATTTCAAATGCACAACGGATGGGCTG TGTCTCATAGGGCCCTCATGTACATACTCCACCTTCCAGATGTACCTTGACACAGAATTGAGCTACCCC ATGATCTCAGCTGGAAGTTTTGGATTGTGACTATAAAGAAACCTTAACCAGGCTGATGTCTCCAG CTAGAAAGTTGATGTACTTCTTGGTTAACTTTTGGAAAACCAACGATCTGCCCTTCAAACCTTATTCCTG GAGCACTTCGTATGTTTACAAGAATGGTACAGAACTGAGGACTGTTTCTGGTACCTTAATGCTCTGGAG GCTAGCGTTTCCTATTTCTCCACGAACTCGGCTTTAAGGTGGTGTAAAGACAAGATAAGGAGTTTCAGG ATATCTTAATGGACCACAACAGGAAAAGCAATGTGACCAGTACTTGGAGGACAATGTCACAGCCCCCTGAC TATATGA</p>
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#7	<p>ATGGCCGTGACTGCCTGTCAGGGCTTGGGGTTCGTGGTTTCACTGATTGGGATTGCGGGCATCATTGCTG CCACCTGCATGGACAGTGGAGCACCCAAGACTTGTACAACAACCCCGTAACAGCTGTTTCACTACCA GGGGCTGTGGCGCTCCTGTGTCCGAGAGAGCTCTGGCTTCAACGAGTGCCGGGGCTACTTCAACCTGCTG GGGCTGCCAGCCATGCTGCAGGCAGTGCGAGCCCTGATGATCGTAGGCATCGTCTGGGTGCCATTGGCC TCCTGGTATCCATCTTTGCCCTGAAATGCATCCGCATTGGCAGCATGGAGGACTCTGCCAAGCCAACAT GACACTGACCTCCGGGATCATGTTTATTGTCTCAGGTCTTTGTGCAATTGCTGGAGTGTCTGTGTTTGGC AACATGCTGGTGACTAACTTCTGGATGTCCACAGCTAACATGTACACCGGCATGGGTGGGATGGTGCAGA CTGTTTCAGACCAGGTACACATTTGGTGCGGCTCTGTTCTGTTGGGCTGGGTGCTGGAGGCCTCACACTAAT TGGGGGTGTGATGATGTGCATCGCCTGCCGGGGCTGGCACCAGAAGAAACCAACTACAAAGCCGTTTCT TATCATGCCCTCAGGCCACAGTGTTGCCTACAAGCCTGGAGGCTTCAAGGCCAGCACTGGCTTTGGGTCCA ACACCAAAAACAAGAAGATATACGATGGAGGTGCCCGCACAGAGGACGAGGTACAATCTTATCCTTCCAA GCACGACTATGTGTAA</p>
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#9	<p>MNGTYNTCGSSDLTWPPAIKLGFIYALGVLLVLGLLLNSLALWVFCCRMQOWTETRIYMT NLAVADLCLLCTLPFVLHSLRDTSDTPLCQLSQGIYLTNRYSISLVTAIAVDTRYVAVRH PLRARGLRSPROAAAVCAVLWVLVIGSLVARWLLGIQEGGFCFRSTRHFNFSMRFPLLGF</p>

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#10	MTAGRSQERRAQEMGRGSVQGLDLKGDLEFFTAPMLSLRSFVFGVGSGLTSSSHIPAQRWAEWGQCLAPPARS LLTSGSLCCPRTMNGTYNTCGSSDLTWPPAIKLGFYAYLGVLLVLGL LLNSLALWVFCCRMQOWTETRIYMTNLAVADLCLLCTLPFVLHSLRDTSDTPLCQLSQGI YLTNRYMSISLVTAIAVDYVAVRHPLRAGRLSPRQAAAVCAVLWVLVIGSLVARWLLG IQEGGFCFRSTRHNFNMSMAFPLLGFYLPPLAVVVFCSLKVVTALAQRPPTDVGQAEATRKA ARMVWANLLVFVVCFLPLHVGLTVRLAVGWNACALLETIRRALYITSKLS DANCCCLDAIC YYYMAKEFQEASALAVAPSAKAHSQDSL CVTLA
#11	MKTLLLDLALWSLLFQPGWLSFSSQVSQNCNCHNGSYEISVLMMGNSAFAEPLKNLEDAVNEGLEIVRGRLO NAGLNVTVNATFMYS DGLIHNSGDCRSSTCEGLDLLRKISNAQRMGCVLIGPSTYSTFQMYLDTELSYP MISAGSFGSLCDYKETLTRLMSPARKLMYFLVNFWKTNDLPFKTYSWSTSYVYKNGTETEDCFWYLNAL ASVSYFSHELGFVKVLRQDKEFQDILMDHNRKSNVIIMCGGPEFLYKLGDRVAEDIVIILVDLFNDQY LEDNVTAPDYMKNVVLVTLSPGNSLLNSSFSRNLSPTRKDFALAYLNGILLFGHMLKIFLNGENITTPK FAHAFRNLTFEGYDGPVTLDDWGDVDSTMVLLYTSVDTKKYKVLLTYDTHVNKTYPVDMSPTFTWKN SKL PNDITGRGPQILMIAVFTLTGAVVLLLLVALLMLRKYRKDYELRQKKWSHIPPENIFPLETNETNHVSLK IDDDKRRDTIQRLRQCKYDKKRVLKDLKHNDGNFTEKQKIELNKLLQIDYNNLTKFYGTVKLDTMIFGV IEYCEGSLREVLNDTISYPDGT FMDWEFKISVLYDIAKGMSYLHSSKTEVHGRLKSTNCVVD SRMVVKI TDFGCNSILPPKKDLWTAPEHLRQANISQKGDVYSYGI IAEIILRKETFYTLSCRDRNEKIFRVENSNG MKPFRPDLFLETAEEKELEVYLLVKNCWEEDEPKRPDFKKIETTLAKIFGLFHDQKNESYMDTLIRRLQL YSRNL EHLVEERTQLYKAERDRADRLNFMLLPRLVVKSLKEKGFEPELYEEVTIYFSDIVGFTTICKYS TPMEVVDMLNDIYKSFHDHVDHVDYK VETIGDAYMVASGLPKRNGNRHAIDIAKMALEILSFMGTFELE HLPGLPIWIRIGVHSGPCAAGVVGIMPRYCLFGDTVNTASRMESTGLPLRIHVSGSTIAILKRTECQFL YEVRGETYLKGRGNETTYWLTGMKDQKFNLPPTVENQQLQAEFSDMIANSLOKQRAAGIRSQKPRRV ASYKKGTLEYLQLNTTDKESTYF*
#12	MKTLLLDLALWSLLFQPGWLSFSSQVSQNCNCHNGSYEISVLMMGNSAFAEPLKNLEDAVNEGLEIVRGRLO NAGLNVTVNATFMYS DGLIHNSGDCRSSTCEGLDLLRKIS*
#13	MKTLLLDLALWSLLFQPGWLSFSSQVSQNCNCHNGSYEISVLMMGNSAFAEPLKNLEDAVNEGLEIVRGRLO NAGLNVTVNATFMYS DGLIHNSGDCRSSTCEGLDLLRKISNAQRMGCVLIGPSTYSTFQMYLDTELSYP MISAGSFGSLCDYKETLTRLMSPARKLMYFLVNFWKTNDLPFKTYSWSTSYVYKNGTETEDCFWYLNAL ASVSYFSHELGFVKVLRQDKEFQDILMDHNRKSNVTSTWRTMSQPLTI*
#14	MKTLLLDLALWSLLFQPGWLSFSSQVSQNCNCHNGSYEISVLMMGNSAFAEPLKNLEDAVNEGLEIVRGRLO NAGLNVTVNATFMYS DGLIHNSGDCRSSTCEGLDLLRKISNAQRMGCVLIGPSTYSTFQMYLDTELSYP MISAGSFGSLCDYKETLTRLMSPARKLMYFLVNFWKTNDLPFKTYSWSTSYVYKNGTETEDCFWYLNAL ASVSYFSHELGFVKVLRQDKEFQDILMDHNRKSNVIIMCGGPEFLYKLGDRVAEDIVIILVDLFNDQY LEDNVTAPDYMKNVVLVTLSPGNSLLNSSFSRNLSPTRKDFALAYLNGILLFGHMLKIFLNGENITTPK FAHAFRNLTFEGYDGPVTLDDWGDVDSTMVLLYTSVDTKKYKVLLTYDTHVNKTYPVDMSPTFTWKN SKL PNDITGRGPQILMIAVFTLTGAVVLLLLVALLMLRKYRKDYELRQKKWSHIPPENIFPLETNETNHVSLK IDDDKRRDTIQRLRQCKYDKKRVLKDLKHNDGNFTEKQKIELNKIDYNNLTKFYGTVKLDTMIFGVIEY CERGS LREVLNDTISYPDGT FMDWEFKISVLYDIAKGMSYLHSSKTEVHGRLKSTNCVVD SRMVVKITDF GCNSILPPKKDLWTAPEHLRQANISQKGDVYSYGI IAEIILRKETFYTLSCRDRNEKIFRVENSNGMKP FRPDLFLETAEEKELEVYLLVKNCWEEDEPKRPDFKKIETTLAKIFGLFHDQKNESYMDTLIRRLQLYSR NLEHLVEERTQLYKAERDRADRLNFMLLPRLVVKSLKEKGFEPELYEEVTIYFSDIVGFTTICKYSTPM EVVDMLNDIYKSFHDHVDHVDYK VETIGDAYMVASGLPKRNGNRHAIDIAKMALEILSFMGTFELEHLP GLPIWIRIGVHSGPCAAGVVGIMPRYCLFGDTVNTASRMESTGLPLRIHVSGSTIAILKRTECQFLYEV RGETYLKGRGNETTYWLTGMKDQKFNLPPTVENQQLQAEFSDMIANSLOKQRAAGIRSQKPRRVASY KKGTLEYLQLNTTDKESTYF*
#15	MKLVTIFLLVTISLCSYSATAKLINKCLPVDKLA PLPLDNILPFMDPLK LLLKTLGISVEHLVRKCVNELGPEASEAVKKLLEALSHLV
#16	MAVTACQGLGFVVS LIGIAGIIAATCMDQWSTQDLYNNPVTAVFNYQGLWRSCVRESSGFTECRGYFTLL

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#18	NNPVTAVFNYQ
#19	MAVTACQGLGFVVSLLIGIAGIIAATCMDQWSTQDLYNNPVTAVFNYQ
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#25	TGCTCTGGAGGCTAGCGTTTC
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#28	CCTTTGAGCTGGAGCATCTTC
#29	CTTTCTAGCTGGAGACATCAG
#30	CACCATGGTACTGTCAACATC
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#43	<p>gccactcagatgacttacttcaacggatcaaccaaccacggactagaaattgatgaaagtgttaattggacatg aaataaatgagaggaaagagaaaaacaaaaccagttccaggatacaataatgatacagggaaaaatttcaagcaa ggtggagttggaaaagcactgaaaacttgcagttcaagatggctcccatctccctctgtccattctgtatcg cagctagctgctcaaggaaaggagaaagtggaggcatatgtacttagaaattattctattactttcctggat ttaagagtattcagattttctatttcaacatcaaaacattgcatttttaaaaagaaatttatgtgttccatgt caaatttagtagtggtgtgtgtttataatattttcttatctacttaatttctatagttattatagttata tgtctttatttctaacatttttctgtgttttaagattattttaagattatttttaataatctttatttc atttaataaaaatattttattttaagtct</p>
#44	<p>cacggactagaaattgatgaaagtgttaattggacatgaaataaatgagaggaaagagaaaaacaaaaccagttc caggatacaataatgatacagggaaaatttcaagcaaggtggagttgaaaagaactcaggcatgagaaccaa atatcgaaacaaagaagggccacgtgacacgtaaaacttacgtgtttgtgcattgctactcttctaccattggt ggactgacaacaatcactggtacctccaccaacttgatctttgcagagtatttcaatacattccatccacaca gaagaggagatcgtaacaggcatgtacaccaggaggcagaaatttgaggcatactttggaactctgtctacca catcctgaacatcacacagtttccactctgttgcttcaatcctgagaatgcatccaggagccattctgttt tatgtcaattactaattagatcatgtcacgttactaacttactacgttccaattagtccttattgcatttgta ataaaatccgcatactttcggactggctacaaggttatacatgat</p>
#45	<p>MKFFSYILVYRRFLFVFTVLVLLPLPIVLHTKEAECAYTLFVV ATFWLTEALPLSVTALLPSLMLPMFGIMPSKKVASAYFKDFHLLLLIGVICLATSIEKW NLHKRIALKMVMVGVPWPAWLTGFGMSSTAFLSMWLSNTSTAAMVMPIAEAVVQOIIN AEAEVEATQMTYFNGSTNHGLEIDESVNGHEINERKEKTKVPVPGYNNDTGKISSKVEL EKNSGMRTKYRTKKGHVTRKLTCLCIAYSSTIGGLTTITGTSTNLIFAEYFNTRYPCD RCLNFGSWFTFSFPAALIILLLSWIWLQWFLGFGNFKEFMFKCGKTKTVQQKACAEVIK QEYQKLGPIRYQEIVTLVLFIMALLWFSRDPGFVPGWSALFSEYPGFATDSTVALLI GLLFFLIIPAKTLTKTPTGEIVAFDYSPLITWKEFQSFMPWDIAILVGGGFALADGCE ESGLSKWIGNKLSPLGSLPAWLIILISSLMVTSLTEVASNPATITLFLPILSPLAEAI HVNPLYILIPSTLCTSFALLPVANPPNAIVESYGHLLKVIDMVKAGLVNIVGVAVVM LGICTWIVPMFDLYTYPSPWAPAMSNETMP"</p>

#46	RTMKFFSYILVYRRFLFVVFTVLVLLPLPIVLHTKEAECAYTLEFVVATFWLTEALPLSVTALLPSLMLPMFGI MPSKKVASAYFKDFHLLIGVICLATSIEKWNLHKRIALKMVMVGVNPAWLTLGFMSSTAFLSMWLSNTSTA AMVMPIAEAVVQOIINAEAEVEATQMTYFNGSTNHGLEIDESVNGHEINERKEKTKFPVPGYNNDTGKISSKVE LEKTV*
#47	ATQMTYFNGSTNHGLEIDESVNGHEINERKEKTKFPVPGYNNDTGKISSKVELEKHWKLAVQDGSPSPSVHSVS QLAAQGKEKVEGICT*
#48	HGLEIDESVNGHEINERKEKTKFPVPGYNNDTGKISSKVELEKNSGMRTKYRTKKGHVTRKLTCLCIAYSSTIG GLTTITGTSTNLIFAEYFNTFHPHRRGDRTRHVHQEAEI*
#49	CCAGCTTTAACCATGTCAATG
#50	CAGATGGTTGTGAGGAGTCTG
#51	TGCTAATGCTTTTGGTACAAATGGATGTGGAATATAATTGAATATTTTCTTGTTAAGGGGAGCATGAAGAGG TGTTGAGGTTATGTCAAGCATCTGGCACAGCTGAAGGCAGATGGAATATTACAAAGTACGCAATTTGAGACT AAGATATTGTTATCATTCTCCTATTGAAGACAAGAGCAATAGTAAACACATCAGGTGAGGGGGTTAAAGACC TGTGATAAACCACTTCCGATAAGTTGGAAACGTGTGTCTATATTTTCATATCTGTATATATATGGTAAAG AAAGACACCTTCGTAACCCGCATTTTCCAAAGAGAGGAATCACAGGGAGATGTACAGCAATGGGGCCATTTAA GAGTTCTGTGTTTCATCTTGATTCTTCACCTTCTAGAAGGGGCCCTGAGTAATTCATCTCATTGAGCTGAACAAC AATGGCTATGAAGGCATTGTCTGTGCAATCGACCCCAATGTGCCAGAAGATGAAACACTCATTCAACAAATAA AGGACATGGTGACCCAGGCATCTCTGTATCTGTTTGAAGCTACAGGAAAGCGATTTTATTTCAAAAATGTTGC CATTTTGATTCTGAAACATGGAAGACAAGGCTGACTATGTGAGACCAAACTTGAGACCTACAAAATGCT GATGTTCTGGTTGCTGAGTCTACTCCTCCAGGTAATGATGAACCCCTACACTGAGCAGATGGGCACTGTGGAG AGAAGGGTGAAAGGATCCACCTCACTCCTGATTTTATTGCAAGGAAAAAGTTAGCTGAATATGGACCACAAGG TAAGGCATTTGTCCATGAGTGGGCTCATCTACGATGGGGAGTATTTGACGAGTACAATAATGATGAGAAATTC TACTTATCCAATGGAAGAATACAAGCAGTAAGATGTTTACGAGGATTTACTGGTACAAATGTAGTAAAGAAGT GTCAGGGAGGACGCTGTACACCAAAAGATGCACATTCAATAAAGTTACAGGACTCTATGAAAAAGGATGTGA GTTTGTCTTCCAATCCCGCCAGACGGAGAAGGCTTCTATAATGTTTGACAACATGTTGATTCTATAGTTGAA TTCTGTACAGAACAAACCACAACAAAGAAGCTCCAACAAGCAAAATCAAAAATGCAATCTCCGAAGCACAT GGGAAGTGATCCGTGATTCTGAGGACTTTAAGAAAACCACTCCTATGACAACACAGCCACCAAAATCCACCTT CTCATTGCTGCAGATTGGACAAAGAATTGTGTGTTTAGTCCTTGACAAATCTGGAAGCATGGCGACTGGTAAC CGCCTCAATCGACTGAATCAAGCAGGCCAGCTTTTCTGCTGCAGACAGTTGAGCTGGGGTCTGGGTGGGA TGTTGACATTTGACAGTGCTGCCCATGTACAAAGTGAATCATACAGATAAACAGTGGCAGTGACAGGGACAC ACTCGCCAAAAGATTACCTGCAGCAGCTTCAGGAGGGACGTCCTCTGCAGCGGGCTTCGATCGGCATTTACT GTGATTAGGAAGAAATATCCAATGATGGATCTGAAATTGTGCTGCTGACGGATGGGGAAGACAACACTATAA GTGGGTGCTTTAAGGAGTCAAACAAAGTGGTGCCATCATCCACACAGTCTGCTTTGGGGCCCTCTGCAGCTCA AGAAGTAGAGGAGCTGCCAAAATGACAGGAGGTTTACAGACATATGCTTCAGATCAAGTTGAGAACAATGGC CTCATTGATGCTTTTGGGGCCCTTTTATCAGGAAATGGAGCTGTCTCTCAGCGCTCCATCCAGCTTGAGAGTA AGGGATTAACCCCTCAGAACAGCCAGTGGATGAATGGCACAGTGATCGTGGACAGCACCGTGGGAAGGACAC TTTGTCTTCTATCACCTGGACAACGCAGCCTCCCCAATCCTTCTGCGGATCCAGTGGACAGAAGCAAGGT GGCTTTGTAGTGGACAAAAACCAAAATGGCCTACCTCCAAATCCCAGGCATTGCTAAGGTTGGCACTTGGGA AATACAGTCTGCAAGCAAGCTCACAAACCTTGACCCTGACTGTCACGTCCCCTGCGTCCAATGCTACCCTGCC TCCAATTACAGTGAATTCAAAACGAACAAGGACACCAGCAAAATCCCCAGCCCTCTGGTAGTTTATGCAAAAT ATTCGCCAAGGAGCCTCCCCAATTCTCAGGGCCAGTGTACAGCCCTGATTGAATCAGTGAATGGAACAAACAG TTACCTTGGAATCTACTGGATAATGGAGCAGGTGCTGATGCTACTAAGGATGACGGTGTCTACTCAAGGTATTT CACAACTTATGACACGAATGGTAGATACAGTGTAAGTGCAGGCTCTGGGAGGAGTTAACGCAGCCAGACGG AGAGTGATACCCAGCAGAGTGGAGCACTGTACATACCTGGCTGGATTGAGAATGATGAAATACAATGGAATC CACCAGACCTGAAATTAATAAGGATGATGTTCAACACAAGCAAGTGTGTTTACAGCAGAACATCCTCGGGAGG CTCATTGTGGCTTCTGATGTCCCAAATGCTCCCATACCTGATCTCTTCCACCTGGCCAAATCACCGACCTG AAGGCGGAAATTCACGGGGGAGTCTCATTAACTGACTTGGACAGCTCCTGGGGATGATTATGACCATGGAA CAGCTCACAAGTATATCATTGCAATAAGTACAAGTATCTTGTATCTCAGAGACAAGTTCAATGAATCTCTTCA AGTGAATACTACTGCTCTCATCCCAAAGGAAGCAACTCTGAGGAAGTCTTTTGTGTTAAACCAGAAAACATT ACTTTTGAATGAGCAGATCTTTTATTGCTATTTCAGGCTGTTGATAAGGTCGATCTGAAATCAGAAATAT CCAACATTGCACGAGTATCTTTGTTTATTCTCCACAGACTCCGCCAGAGACACCTAGTCTGATGAAACGTC TGCTCCTTGCTTAATATTCATATCAACAGCACCATTCTGGCATTCACATTTAAAAATTATGTGGAAGTGG ATAGGAGAAGTGCAGCTGTCAATAGCCTAGGGCTGAATTTTGTGAGATAAATAAAATCAATCATTATCCTT TTTTTGATTATAAAATTTCTAAAATGTATTTAGACTTCTGTAGGGGGCGATATACTAAATGTATATAGTA

	CATTTATACTAAATGTATTCTGTAGGGGGCGATATACTAAATGTATTTTAGACTTCCTGTAGGGGGCGATAA AATAAAATGCTAAACAACCTGGGTAA
#52	AATTAATATTAGAAATTAAGACAAACATTGAGCAGAGATGAAAAAGGAAGGGAGGAAAAGGTGGAAAAGA AAAGAAGACAAAGACGAGTAGTGGTCTTAACCTTGCTCTTTGAAGGATGGTCTCACAAAGAGAACCCCAACA GACATCATCGTGGGAATCAAATCAAGACCAGCAAGTACACCGTGTGTCTTCGTCCTCCCAAAAACATTTTGA GCAGCTACACCGGTTTGCCAATCTCTATTTGTGGGCATTGCGGTTCTGAATTTATCCCTGTGGTCAATGCT TTCCAGCCTGAGGTGAGCATGATACCAATCTGTGTTATCTGTCAGTCACTGCCATCAAGGACGCTTGGGAAG ACCTCCGGAGGTACAAATCGGATAAAGTCATCAATAACCGAGAGTGCCTCATCTACAGCAGAAAAGAGCAGAC CTATGTGCAGAAGTGTGGAAGGATGTGCGTGTGGGAGACTTCATCCAAATGAAATGCAATGAGATTGTCCCA GCAGACATACTCCTCCTTTTTTCCCTCTGACCCCAATGGGATATGCCATCTGGAACTGCCAGCTTGGATGGAG AGACAAACCTCAAGCAAAGACGTGTCTGAAGGGCTTCTCACAGCAGGAGGTACAGTTTGAACAGAGCTTTT CCACAATACCATCGTGTGTGAGAAACCAACACCTCAACAAATTTAAGGGTTATATGGAGCATCCTGAC CAGACCAGGACTGGCTTTGGCTGTGAGAGTCTTCTGCTTCGAGGCTGCACCATCAGAAACACCGAGATGGCTG TTGGCATTGTCTATGTCAGGCCATGAGACGAAAGCCATGCTGAACAACAGTGGCCCCCGGTACAAACGCAG CAAGATTGAGCGGCATGAATATAGACATCTTCTTGCATTGGGATCCTCATCTCATGTGCCTTATTGGA GCTGTAGGTCAAGCATCTGGAATGGGACCTTTGAAGAACACCCCTCCCTTCGATGTGCCAGATGCCAATGGCA GCTTCTTCCCAGTGGCCTTGGGGGCTTCTACATGTTCTCACAATGATCATCTGCTCCAGGTGCTGATCCC CATCTCTTTGTATGTCTCCATTGAGCTGGTGAAGCTCGGGCAAGTGTCTTCTTGAGCAATGACCTTGACCTG TATGATGAAGAGACCGATTTATCCATTCAATGTGAGCCCTCAACATCGCAGAGGACTTGGGCCAGATCCAGT ACATCTTCTCCGATAAGACGGGGACCTTGACAGAGAAAGATGGTGTTCGACGTTGCACCATCATGGGCAG CGAGTATTCTACCAAGAAAATGGTATAGAAGCTCCCAAGGGCTCCATCCCTCTTCTAAAAGGAAATACCTT GCTCTCCTAAGAAACGAGGAGATAAAGACATTCTCCTGGCTCTCTTAGAGGCTGTGTGGCATTTCACAAAGT TGCTTCTGTATCCCTGTGGTCTTCTTGTACAGATCAGGGCTGTTCCAATTACTTGTAACCTTTTCAATTTGT TTACAAAGGTTAGAAGTTATCCCATATGTGGTTCCCCTTCAGCTGATCTTTGTCTGGTGCCAGACAAAGCACT TTATGAGACGAGTTTTTATCTGTGACGAATGGATTGGAGACATTTCCCAATTGTGTGCCAGTCACACAACCA AGGCTTAGGAATTTCTCAGGCCACCTTACCTGACATGTGAGGCGAGGTCTGTGTCTAGGTGCATGGTCAGATT TAATACATCCAGAAGATGTCTTCTATTCTAACAGATCTCTTAGCTTGTCACTGAGGCAAGTTTTGATTTAGG AGATAGGGCTATAAAATGCCTGGACTGTTACCTTGCATGGACTGAATATGACTCATAAACTGATCTGATTCC TTCAGCCATCATCTGCCCACTTGGTTCCTTCCCCACCCCCCACAACACACACACACTTTCTAAGAAAA GAAAAGAAATTTCTTTTTTTTCAATACTTTAAGTTCTGGGATACATGTGCAGAATGTGCAGGTTTGTACATAG GTATACATGTGTATGGTGGTTTGCAGCACCCACCAACCCATCATCTACCTTAGGTATTTCTCCTAATGCTAT CCCTCCCCTAGCCCCAACCCCCGATGGGCTCCAGTGTGTGATGTTCCCTCCATGTCCATGTGTTCTCATT GTTCAATTTCCACTTATGAGTGAGAACATGCAGTATTGGTTTTCTGTCTGTGTGTAGTTTGGTGTGATGGTTT CCTGTTTATCCGTGTCCCTGCAAAGGACATGAACATCCTTTTTTATGGCTGCATAATATTCATGGTGTAT ATGTGCCACATTTTCTTTATCCAGTCTATCGCTGATGGGCACTGGGGTTGGTTCCAAGTCTTTGCTATTGTGA ACAGTGCTGCAATAAACTTACATGTGCATGTGTCTTTAGTAGAATGATTATAATCCTTTGGGTATATACCCA GTAATGGGATGTGGTCAAATGGTATTTCTGGTTCTAGATCCTTGAGGAATCTTTGTCTCCACAATGGTTG AACTAATTTGTATCTCCCAACAGTGTAAGAGTTTCTGTTTCTTCTACATCCTCTTCAGCATCTGTTGTGT CCTGACATTTTAAATGATCACTATTCTCACTGGCGTGAGATGTTATCTCATTGTGGTTTTGATTTGCATTTCTC TAATGACCAGTAATGATGAGCTTTTTTTCATATGTTTGTGGCTGCATAAATGTCTTCTTTTGAGAAGTGTCT GTTTCATATCCTTACCCATTTTTTGAAGAAAACAACTCTTAAGAGAGCAGTATTCACTTTTGTAGTGTGAG GGATGGAGAAAGAGAAAGATGGAGAGAGTATTATAAGCAGCTGTATCCCTTTGCCATGGTGATAGCAGACCA TTCACATGGGAGCTTCTGGTCTCTTGTAAATAATAAAGAGCCACATTACCAGTACTTAGAGTATGCTAGTT ATTTTAACACATTGTATCATTAATCTTCAAAACATCCCTATGAGTTAGAAACCTAAAAAAAAAAAAAAAAAAAA A
#53	CTCATTTTGTATGTCTAGAATCAGGGGATCCAGGATCATCACCAGGTCATTTTCCAGGTATGGAGGGGTCTT TCTGCTTCTTTCTTGTATGCACAGCTGCTGAGGAAGGGGCTGGGAGTAAAGACAGTGAAATGGGGAGGAGGA GTCCATTCAAACCGAGAAACAAAGTGTGTTGGTTTTCTTACCCCTGGTGTAGAAGCTACCAACCTTTTCCAAG AAAGAGGGCTGGCCCCCTTCTCGGGTCTGGCTGGGTGCTGTGCTCTCTGGCCTCCCCTCCGAAGGGC ACCATTCCTCGGGTGAGTACTACCGGCTGCACCGTCTTCCAGTGGGGACAGCCTGAGAAGAGAGTCTGGGG CCTTACTTCACTACCTTCCCTCACTGGCCTCACCTGTGCAATCATGCCACACGCTGCAGCCTCCTTTTCCC TATCTATAAAATAAAATGACCCTGCTCTATCTCACTGGGCTGGCAAGAACACACTGTTGTTGCTTGCAGAC AGATGTGCTGAGGCTGTAGAAAGTGTCTTTTATTTGGTTGGGAGCTTGTGCATAAATGCGAGAGGGGCTGCAC ATCTGACGGACTAGAGGTGACTCATGGCTGAACCGGAACAGGACATCGGGGAGAAGCCAGCAGCCATGCTGAA CTCTCCACAGGGCCCTGTGAAAAGCTCTTCACTCCTCTGCCCTCTGGATCTAGTGAAGCCTATTTCATCCCTC AGATGTGAGCTCAAATAATCAACCTTCATGGAGGCTCCTTGACCCCTAACATGCTTTCAAAGTACTGTGTA TTTCACATTCATCATGCCCGACAACCTGTGATTTCCATTTATTAATATCTGTCTCTTCTGCTGGCCTGCAAA CTCCAGGAGCACAGAGACATCTTTGGGATTTTTGAACATGATTTCCCAGGGCTTAGCCAGTGCCTGGTGCA AAGCAGGCTTTCAACATGTTCACTGGATATTGTAAGAAAGAAAGAAATACACAAAAGGCCTGGCATATGCAAA GCATCTAAATATTCACTCCTTTCCCTTCCCTCTGGGTGAGAAAATTTCTCCTTATAAGACACCCCTCCTAAC TGATCTCTGCTAGAGAACTGAAGACATAAAGCACTCTGTGCCAAAATATTTAAGTAAAAAATTTGAGCTAAG CACAGAGATTATAAATATTCTTCCCCAGATTACGCACCATTTAAAAATACTGTCTCAGCTCCTTTTCATGAT

	<p>TTGGGTGGTGATTAAAGAAAATTACTCTTCAAGACTGAAAGTCATTACTGCCCTTTTCCTGACTTGCCTTTTC CCTTGAGAAGGGGAGGATAAGCTGCAGGGCAGGAAGTGGAAGTGGGGCATCCTTGTCCTTTGTCTGGCAGACA GCCAACTGGTCAAGTACTGCTCCTTCTCAACTCTTCTGATTCCCAGGTGAATATAACAAGAAGGCACAAA TCCACACTTGCCAAACAACGGACCCCAAGTGATAACAAGAAACCCAGTGACACCTGTCTAGGTGAAGACTCAGCC CCTATGTGACCAGGTTGCAAAGCCAACTGACCATCTGCTTTCCATTTGGACTTTTAGTTTCATACTGTATCTT CTCAGGACAGTTAAGTTGGAATACAATGCCACTGTCTGAAAGATGGTAGAATTATCCTATTTCTGGAGGAGT GGGGGTGGTGGGTAGGAATCTCAAGAGCGATTGCTCCTCTGCACAATAGCTTCTTAAAGGACACCAGGGCCC CCAGGGCTATACATTTCCCTGAAGCTTTCAGATAAGCAACAAGGTATGAGCACCTGCTATGTATTGCCAAG GGTGATGTGTTTAAATATCCATTGCATATTTTAAATCCTTGGCTGGCTTAAAGCTGCAAGCTTTCTGTCTTCA GTGGATATAATGGGGGCATACATCCCAGAGCTTGCCCAACACTCCAAGAAAAGAACCCTCAGCTAATGCAAAG TGTGTATGTGCCCATGAAAGCTCCATGTCTACTTAACATTAGTTTTTAGGATTATTTATGCTGTAATAATAG ATATGAAAATCTCTGACAGGTATTTTGTTCCTTTACAAACTGTATTTGAATTTATGGGTGATTTAGAGCTTG TGTTTAAAGTCAGAATTCAGAACCCCAAGAAAATGACTTCATTGAAATTTGAACGGAAGAGACAAGAAGTGA TTACCAAAACCTACTAAACGTGAGTTGCTGTGAACTGGGGATTAAACCAGAACGAGTGGAGAAGATCAGAAAG CTACCAAAACACACTGCTCAGAAAGGACAAAGACATTGGAAGACTGCGGGACTTTCAGGAAGTGGAACTCATT TAATGAAAAATGGAAGCTCCAGATTGACAGAATATGTGCCATCTCTGACAGAAAAGCCCTGCTATGATAGCAA AGCTGCAAAAATGACTTATTAATACTCCCAGGAATGGCCGCGCATGGTGGCTCACCCCTGTAATCCCAGCA CTTTGGGAAGCCAAGGTGGGCGGATCACCTGAGGTGAGGAGTTCTAGACCAGCTGGCCAACATATAGTGA CCCAGTCTCTACTAAAAAAATACAAAAATAGCTAGGTGTGGTGGCGCACACCTGTAGTAGTCCCAGCTACA TGGGAAGCTGAGGCAGGAGAATCACCTGAACCCAGGAGGCAGAGGTGTCAGTGAGCTGAGATTGCGCCACTGC ACTCCAGCCTGGCGACAGAGCAAGACTCTGTCTCTCAAATAAATAAATAAATAAATAAATAAATAAATAAAT AATC</p>
#54	<p>GCCCGGGAGAGGAGAGGAGCGGGCCGAGGACTCCAGCGTGCCAGGTCTGGCATCCTGCACTTGCTGCCCTCT GACACCTGGGAAGATGGCCGGCCCGTGACCTTACCCTTCTCTGTGGTTTGTGGCAGCCACCTTGATCCAA GCCACCTCAGTCCCAGTGCAGTTCTCATCCTCGGCCCAAAAGTCATCAAAGAAAAGCTGACACAGGAGCTGA AGGACACAACGCCACCAGCATCCTGCAGCAGCTGCGGCTGCTCAGTGCCATGCGGGAAAAGCCAGCCGGAGG CATCCCTGTGCTGGGCAGCCTGGTGAACACCGTCTGGAAGCACATCATCTGGCTGAAGGTATCACAGCTAAC ATCCTCCAGCTGCAGGTGAAGCCCTCGGCCAATGACCAGGAGCTGCTAGTCAAGATCCCCCTGGACATGGTGG CTGGATTCAACACGCCCTGGTCAAGACCATCGTGGAGTTCCACATGACGACTGAGGCCCAAGCCACCATCCG CATGGACACCAGTGCAAGTGGCCCCACCCGCTGGTCTCAGTGACTGTGCCACCAGCCATGGGAGCCTGCGC ATCCAAGTCTGCATAAGCTCTCCTTCTGGTGAACGCCTTAGCTAAGCAGGTGATGAACCTCCTAGTGCCAT CCCTGCCCAATCTAGTGA AAAACAGCTGTGTCCCGTGATCGAGGCTTCTTCAATGGCATGTATGCAGACCT CCTGCAGCTGGTGAAGGTGCCATTTCCCTCAGCATTGACCGTCTGGAGTTTGACCTTCTGTATCCTGCCATC AAGGGTGACACCATTACGCTCTACCTGGGGGCCAAGTTGTTGGACTCACAGGGAAAGGTGACCAAGTGGTTCA ATAACTCTGCAGCTTCCCTGACAAATGCCACCTGGACAACATCCCGTTACGCTCATCGTGAGTCAGGACGT GGTGAAAGCTGCAGTGGCTGCTGTGCTCTCTCCAGAAGAATTCATGGTCTGTGGACTCTGTGCTTCTGAG AGTGCCCATCGGCTGAAGTCAAGCATCGGGCTGATCAATGAAAAGGCTGCAGATAAGCTGGGCTTACCCAGA TCGTGAAGATCTAACTCAGGACACTCCCGAGTTTTTATAGACCAAGGCCATGCCAAGGTGGCCCACTGAT CGTGCTGGAAGTGTTCCTCCAGTGAAGCCCTCGGCCCTTTGTTTACCCTGGGCATCGAAGCCAGCTCGGAA GCTCAGTTTTACACCAAGGTGACCAACTTATACTCAACTGAATAACATCAGCTCTGATCGGATCCAGCTGA TGAAGTCTGGGATTGGCTGGTTCCAACCTGATGTTCTGAAAACATCATCACTGAGATCATCCACTCCATCCT GCTGCCGAACCAGAATGGCAAATTAAGATCTGGGGTCCCAGTGTCTATTGGTGAAGGCCTTGGGATTGAGGCA CCTGAGTCTCTACTGACCAAGGATGCCCTTGTGCTTACTCCAGCCTCCTTGTGGAAACCCAGCTCTCCTGTCT CCCAGTGAAGACTTGGATGGCAGCCATCAGGGAAGGCTGGGTCCCAGCTGGGAGTATGGGTGTGAGCTCTATA GACCATCCCTCTCTGCAATCAATAAACACTTGCCCTGTGAT</p>
#55	<p>GGAGTGGGGGAGAGAGAGGAGACCAGGACAGCTGCTGAGACCTCTAAGAAGTCCAGATACTAAGAGCAAAGAT GTTTCAAACCTGGGGGCCCTCATTGTCTTCTACGGGCTGTTAGCCCAGACCATGGCCAGTTTGGAGGCTGCC GTGCCCCCTGGACAGACCCTGCCCTTGAATGTGAATCCAGCCCTGCCCTTGAGTCCCACAGGTCTTGACGAA GCTTGACAAATGCCCTCAGCAATGGCCTGCTGTCTGGGGGCTGTTGGGCATTCTGGAAAACCTTCCGCTCCT GGACATCCTGAAGCCTGGAGGAGGTACTTCTGGTGGCCTCCTTGGGGGACTGCTTGGAAAAGTGACGTGAGT ATTCTGGCCTGAACAACATCATTGACATAAAGGTCACTGACCCCAAGTGTGGAACCTTGGCCTTGTGCAGA GCCCTGATGGCCACCGTCTCTATGTCAACCATCCCTCTCGGCATAAAGCTCCAAGTGAATACGCCCTGGTGG TGCAAGTCTGTTGAGGCTGGCTGTGAAGCTGGACATCACTGCAGAAATCTTAGCTGTGAGAGATAAGCAGGAG AGGATCCACCTGGTCCTTGGTGACTGCACCCATTCCCTGGAAGCCTGCAAAATTTCTCTGCTTGTGACTTG GCCCCCTCCCCATTCAAGGTCTTCTGGACAGCCTCACAGGGATCTTGAATAAAGTCTGCTGAGTTGGTTCA GGGCAACGTGTGCCCTCTGGTCAATGAGGTTCTCAGAGGCTTGGACATCACCTTGGTGCATGACATTGTTAAC ATGCTGATCCACGGACTACAGTTTGTGTCATCAAGGTCTAAGCCTTCCAGGAAGGGGCTGGCCTCTGCTGAGCTG CTTCCCAGTGCTCACAGATGGCTGGCCCATGTGCTGGAAGATGACACAGTTGCCTTCTCTCCGAGGAACCTGC CCCCCTCTCTTTCCACCAGGCGTGTGTAACATCCCATGTGCCTCACCTAATAAAATGGCTCTTCTTCTGCAA AAAAAAAAAAAAAAAAAAAAAAAAAAAA</p>

[illegible]

	<p>GGGAGAGATCTGCCACATGTCTGAGGGTTGCAGAGCCCCTGTGGAGGTAAGATTGGAAACACATGAGGCAGAGGGAAGACATGAAGAAAACATCTCTGCTGGAATATTTGGAAAAGAACACTCTTCTGGACCTGGTTGAAGCAGGAAAGATTGAGGCAAAGTAGTGAATAATCCAGAATTTCAATGCTTTTGAATGTTCTTAGTGATACTGACCTGTGATAATATAATTTCCAGGGAGGACTGGGAACCTTATCTCTTGGAGATATTGTCATAATTTAATTTAAGCCTCATTCTCCTTTTGTTCATTTTGGTAATAAACTGGATTGTGAATTGTGAACAAAAAAAAAAAAAAAAAAAA</p>
#57	<p>AATGCTCTAAGACCTCTCAGCACGGGCGGAAGAACTCCCGGAGAGCTCACCACAAAAACAAGGAGATCCCATCTAGATTTCTTCTTGCTTTTGACTCACAGCTGGAAGTTAGAAAAGCCTCGATTTCATCTTTGGAGAGGCCAAA TGGTCTTAGCCTCAGTCTCTGTCTCTAAATATTTCCACCATAAAACAGCTGAGTTATTTATGAATTAGAGGCTA TAGCTCACATTTTCAATCCTCTATTTCTTTTTTAAATATAACTTTCTACTCTGATGAGAGAATGTGGTTTTTA ATCTCTCTCTCACATTTTGATGATTTAGACAGACTCCCCCTCTTCTCCTAGTCAATAAACCCATTGATGATC TATTTCCAGCTTATCCCCAAGAAAACCTTTTGAAAGGAAAGAGTAGACCCAAAGATGTTATTTTCTGCTGTTT GAATTTTGTCTCCCCACCCCAACTTGGCTAGTAATAAACACTTACTGAAGAAGAAGCAATAAGAGAAAGATA TTTGTAATCTCTCCAGCCCATGATCTCGGTTTTCTTACACTGTGATCTTAAAGTTACCAAACCAAAGTCATT TTCAGTTTTGAGGCAACCAAACCTTTCTACTGCTGTTGACATCTTCTTATTACAGCAACACCATTCTAGGAGTT TCCTGAGCTCTCCACTGGAGTCTCTTTCTGTGCGGGGTCAGAAATTGTCCCTAGATGAATGAGAAAATTATT TTTTTAATTTAAGTCCTAAATATAGTTAAATAAATAATGTTTTAGTAAATGATACACTATCTCTGTGAAA TAGCCTCACCCTACATGTGGATAGAAGGAAATGAAAAATAATTGCTTTGACATTGTCTATATGGTACTTTG TAAAGTCATGCTTAAGTACAAATTCATGAAAAGCTCACTGATCCTAATTTCTTCCCTTTGAGGTCTCTATGG CTAATGTTTACATGATAGTAAGTGAAGCCATTGAAAAGTAAATAATGTCTGGGCAGTAGGCTCAGCCTC GTAAATCCTAGCACTTTGGGAGGCTGAGGAGGAAGGATCACTTGAGCCCAGAGGTTGAGAGACTAGCCTGGGCAA CATGGAGAAGCCCTGTCTCTACAAAATACAGAGAGAAAAAATCAGCCAGTCATGGTGGCATAACCTGTAGTC CCAGCATTCCGGGAGGCTGAGGTGGGAGGATCACTTGAGCCCAGGGAGGTTGGGGCTGCAGTGAGCCATGATC ACACCACTGCCTCCAGCCAGGTGACATAGCGAGATCCTGTCTAAAAAATAAAAAATAAATAATGGAACACA GCAAGTCCTAGGAAGTAGGTTAAACTAATTTCTTAAAAAAGTGGAGCCTGAATTAATGTAATG TTTCCAAGTGACAGGTATCCACATTTGCATGGTTACAAGCCACTGCCAGTTGGCAGTAGCACTTTCTGGCAC TGTGGTGGTTTTGTTTTGTTTTGCTTTGTTTTAGAGACGGGCTCTCACTTTCCAGGCTGGCCTCAAACCTCTG CACTCAAGCAATTTCTTACCCTGGCCTCCCAAGTAGCTGGAATTACAGGTGTGCGCCATCACAACTAGCTGG TGGTCAGTTTTGTTACTCTGAGAGCTGTTCACTTCTCTGAATTCACCTAGAGTGGTTGGACCATCAGATGTTT GGGCAAACTGAAAGCTCTTTGCAACCACACACCTTCCCTGAGCTTACATCACTGCCCTTTTGAGCAGAAAGT CTAATTTCTTCCAAGACAGTAGAATTCCATCCCAGTACCAAGCCAGATAGGCCCTTAGGAACTGAGGTA AGAGCAGTCTCTAAAACTACCCACAGCAGCATTTGGTGAGGGGAACTTGGCCATTAGGTTATTATTGAGAG GAAAGTCCTCACATCAATAGTACATATGAAAGTGACCTCCAAGGGGATTGGTGAATACTCATAAGGATCTTCA GGCTGAACAGACTATGTCTGGGGAAGAACGGATTATGCCCATTAATAACAAGTTGTGTTCAAGAGTCAGA GCAGTGAGCTCAGAGGCCCTTCTCACTGAGACAGCAACATTTAAACCAAACAGAGGAAGTATTTGTGGAAC TCACTGCCTCAGTTTGGGTAAAGGATGAGCAGACAAGTCAACTAAAGAAAAAGAAAAGCAAGGAGGAGGGTTG AGCAATCTAGAGCATGGAGTTTGTAAAGTGCTCTCTGAGTTTGAAGTGAAGAGCATCCATTGATTTGAGTTG CACAGGGCACAATGAGCTCTCCCTTCTACCACCAGAAAGTCCCTGGTCAGGTCTCAGGTAGTGCGGTGTGGCT CAGCTGGGTTTTTAATTAGCGCATTTCTATCCAACATTTAATTGTTTGAAGCCTCCATATAGTTAGATTGT GCTTTGTAATTTTGTGTTGTGCTCTATCTTATTGTATATGCATTGAGTATTAACCTGAATGTTTTGTTACT TAAATATTAAAAACACTGTTATCCTACAAAAAACCTCAAAGGCTGAAAAATAAGAAGGAAGATGGAGACAC CCTCTGGGGTCTCTC</p>
#58	<p>CTTTGCACTGGATGCCCTTGGCAGGGTGAGCCACAAGGAGCAATGGAGCAGGGCAGCGCCGCTTGGAGGAC TTCCCTGTCAATGTGTTCTCCGTCACTCCTTACACACCCAGCACCGCTGACATCCAGGTGTCCGATGATGACA AGGCGGGGGCCACCTTGCTCTTCTCAGGCATCTTTCTGGGACTGGTGGGGATCACATTCAGTGTATGGGCTG GATCAAAATACCAAGGTGTCTCCCACTTTGAATGGACCCAGCTCCTTGGGCCGCTCTGTCTAGTTGGGGTG ACATTCATCCTGATTGCTGTGTGCAAGTTCAAAATGCTCTCCTGCCAGTTGTGCAAGAAAGTGAAGAAAGGG TCCCGGACTCGGAACAGACACCAGGAGGACCATCATTTGTTTTCACTGGCATCAACCAACCCATCACCTTCCA TGGGGCCACTGTGGTGAGTACATCCCTCCTCCTTATGGTTCTCCAGAGCCTATGGGGATAAATACCAGCTAC CTGCAGTCTGTGGTGAGCCCTGCGGCCCTCATAACCTCTGGAGGGGCAGCAGCCGCCATGTCAAGTCCTCCTC AATACTACACCATCTACCCTCAAGATAACTCTGCATTTGTGGTTGATGAGGGCTGCCTTTCTTTACGGACGG TGGAAATCACAGGCCCAATCCTGATGTTGACCAGCTAGAAGAGACACAGCTGGAAGAGGAGGCCTGTGCCTGC TTCTCTCCTCCCCCTTATGAAGAAATATACTCTCTCCTCGCTAGAGGCTATTCTGATATAATAACACAATGC TCAGCTCAGGGAGCAAGTGTTCGTCATTGTTACCTGACAACCGTGGTGTCTATGTTGTAACCTTCAGAAG TTACAGCAGCGCCAGGCAGCTGACAGAGATCATTCAAGGGGGGAAAGGGGAAGTGGGAGGTGCAATTTCTC AGATTGGTAAAAATTAGGCTGGGCTGGGGAAATTCTCCTCCGGAACAGTTTCAAATTCCTCGGGTAAGAAAT CTCTGTATAAGGTTCAAGGAGCAGGAATTTCACTTTTTCATCCACCCTCCCCCTCTCTGTAGGAAGGCA TTGGTGGCTCAATTTTAACCCAGCAGCCAATGGAATAATCACGACTTCTGAGACTTTGGGAGTTTCCACAGA GGTGAGAGTCGGGTGGGAAGGAAGCAGGGAAGAGAAAGCAGGCCAGCTGGAGATTCTCTGGTGGCTGTCTT</p>

	GGCCCCAAAGCAGACTCACTAATCCCAAACAACCTCAGCTGCCATCTGGCCTCTCTGAGGACTCTGGGTACCTTAAAGACTATA
#59	CAGGAAAGTTTCGTGCTGCTAGGCAGAGGAAGTGCAGCTTGTTGGCAGGTGAAGGGAGCCTGTTTAGCTGTGTCAGCAACAACCTTACGTGGTCCTGCTTGTGTTCCAGGTGAAGCGTCTGGCCGCCGAGCAGAGGAATCAAGACCTGCTCATTCTTTCTCGGGGGATCCATCCAGCAATGACATCATCTCATGCTGCCACAAGGACCCCAAGTCTGGGCTGCTGGGGACCAGCCACGCTCCCCACTGCTCATTCTTCATCCTAGAGACATTCTGACTCTCCTCCGACTGCGCTGTGCACAGGCGTGACAAGCTCTTTTACATCTCAGTCTGCACAACCTCAGGCACTTAGCAGATTGATATGCATCCAACAAATATTGATTGAATATCTGCTAAATACCCAGTAATGTTTCATGAGTGATTGGGTGAATAAAGGAA TGCTGGTTTCCTTCTGGCCATATTAACCTCTGCACAATAAGAAAAATAAATTGCAGTCTGTGGAATAATGTGAATCCCAATGTCATCTATTGAAATATTACCTGACTATTAAGAGGTATTTATTTTTGTATCTTTTCTAGCA AAGTAAATAAAATTCTTAATACAGCATATCCCCTTATTACGGGGGGTATGTTCCAAGACCCCCGGTGGATGCCTGAAACTATGGATAATACCAGATCC
#60	MGPFFKSSVFILILHLLEGALSNSLIQLNNNGYEGIVVAIDPNVPEDETLIQIKDMVTQASLYLFEATGKRFYFKNVAILIPETWTKADYVRPKLETYKNADVLVAESTPPGNDPEYTEQMNGCCEKGERIHLTPDFIAGKKLAEYGPQKGAFVHEWAHLRWGVFDEYNNDKIFYLSNGRIQAVRCSAGITGTNVVKKCQGGSCYTKRCTFNKVTGLYEKGCEFVLQSRQTEKASIMFAQHVDSEIVEFCTEQNHNEAPNKQNKCNLRSTWEVIRDSDFKKTTPMTTQPPNPTFSLQLIGQRIVCLVLDKSGSMATGNRLNRLNQAGQLFLLQTVELGWSVGMVTFDSAAHVQSELIQINSGSDRDTLAKRLPAAASGGTSICSGLSAFTVIRKKYPTDGSEIVLLTDGEDNTISGCFNEVKQSGAIHTVALGPSAAQEELELSKMTGGLQTYASDQVQNNGLIDAFGALSSNGAVSQRSIQLESKGLTLQNSQWMNGTVIVDSTVGKDTLFLITWTTQPPQILLWDPGQKQGGFVVDKNTKMAYLQIPGIAKVGWTKYSLQASSQTLTLTVTSRAS NATLPPIITVTSKTNKDTSKFSPPLVYANIRQGASPILRASVTALIESVNGKTVTLELLDNGAGADATKDDGVYSRYFTTYDTNGRYSVKVRALGGVN AARRRVIPQQSGALYIPGWIENDEIQWNPPRPEINKDDVQHKQVCFSRSTSSGGSFVASDVPNAPIPDLFPFGQITDLKAEIHGGSLINLTWTPAGDDYDHGTAHKYIIRISTSIDLRDKFNESLQVNTTALIPKEANSEEVFLFKPENITFENGTDLFIAIQAVDKVDLKSEISNIARVSLFIPPQTPPETPSPDETSAPCPNIHINSTIPGIHILKIMWKWIGELQLSIA
#61	MKKEGRKRWRKREDKKRVVVSNNLLFEGWSHKNPNRHHRGNOIKTSKYTVLSFVPKNI FEQLHRFANLYFVGI AVLNFIPVVNAFQPEVSMIPICVILAVTAIKDAWEDLRRYKSDKVINNRECLIYSRKEQTYVQKCWKDVRVGD FIOQMKCNEIVPADILLFSSDPNGICHLETASLDGETNLKQRRVVKGFSSQEQVQFEPELFHNTIVCEKPNNHL NKFKGYMEHPDQTRTGFCESLLLRGCTIRNTEMAVGIVYAGHETKAMLNNSGPRYKRSKIERRMNIDIFFCIGILILMCLIGAVGHSIWNGTFEEHPPFDVPDANGSFLPSALGGFYMFMTMIILLQVLIPISLYVSIELVKLGQVFFLSNDLDLYDEETDLSIQCRALNIAEDLGQIQYIFSDKTGTLTENKMVFRRCTIMGSEYSHQENGIEAPK GSIPLSKRKYPALLRNEEIKDILLALLEAVWHFHKLPLVSLWSSLSQIRAVPITCKLSFVYKG
#62	MGRRSFPFKPRNKVFGFSYPWCRSYQFPFRKRAWPPSRVWLACCASLASPPKGTIPSGEYYRPAPSSSGDSLRESGALLQYLPASPCANHATRCSLFPIYKIKMTLLYLTGLARTHCCLADRCAEAVESAFYLVGSLCINARGAAHLTD
#63	MAGPWTFTLLCGLLAATLIQATLSPTAVLILGPKVKEKLTQELKDHNATSILQQLPLLSAMREKPAAGGIPVLGSLVNTVLKHI IWLKVITANILQLQVKPSANDQELLVKIPLDMVAGFNTPLVKTIVEFHMTTEAQATIRMDTSASGPTRLVLSDCATSHGSLRIQLLHKLSFLVNALAKQVMNLLVPSLPNLVKNQLCPVIEASFNGMYADLLQLVKVPISLSIDRLEFDLLYPAIKGDITQLYLGAKLKLDSDQGVTKWFNNSAASLTMPITLDNIPFSLIVSQDVVKAAVAAVLSPEEFMVLLDSVLPESAHLKSSIGLINEKAADKLGSTQIVKILTQDTPEFFIDQGHAKVAQLIVLEVFPSSALRPLFTLGLIEASSEAQFYTKGDQLILNLNNISSDRIQLMNSGIGWFQPDVLKNIITEIHSILLPNQNGKLRSQVPSVLKALGFEAAESSLTKDALVLT PASLWKPPSPVSO
#64	MFQTGGLIVFYGLLAQTMAGFGGLPVPLDQTLPLNVN PALPLSPTGLAGSLTNALSNGLLSGGLLGILENLPLLDILKPGGGTSGLLGGLLGKVTSVIPGLNNIIDIKVTDQQLLEGLVQSPDGHRLYVTIPLGIKLVQNTPLVGASLLRLAVKLDITAEILAVRDKQERIHVLVGDCTHSPGSLQISLLDGLGLPIQGLLDSLTGILNKVLPELVQGNVCPLVNEVLRGLDITLVHDIVNMLIHGLQFVIKV
#65	MSQPRPRYVVDRAAYSLTLEFDEFEKKDRTPVGEKLRNAFRCSAKIKAVVFGLLPVLSWLPKYKIKDYIIPDLLGGLSGGSIQVPQGMFAFALLANLPAVNGLYSSFFPLLYFFLGGVHQMVPGTFAVISILVGNICLQLAPESKFQVFNNATNESYVDTAAMEAERLHV SATLACLTAI IQMGLGFMQFGFVAIYLSSESFIRGFMTAAGLQILISV

	LKYIFGLTIPSYTGPGSIVFTFIDICKNLPHTNIASLIFALISGAFLVLVKELNARYMHKIRFPIPTMIVVV VATAISGGCKMPKKYHMQIVGEIQRGFPTPVSPVVSQWKDMIGTAFSLAIVSYVINLAMGRTLANKHGYDVDS NQEMIALGCSNFFGSFFKIHVICCALSVTLAVDGAGGKSQVASLCVSLVVMITMLVLGIYLYPLPKSVLGALI AVNLKNSLKLQTLDPYYLWRKSKLDCCIWVVSFLSSFFLSLPYGVAVGVAFSVLVVVFQTOFRNGYALAQVMDT DIYVNPKTYNRAQDIQGIKIITYCSPLYFANSEIFRQKVIAGTGMPOKQVLLAKQKYLKKQEKRRMRPTQORR SLFMKTKTVSLQELQDDFENAPPTDPNNNQTPANGTSVSYITFSPDSSSPAQSEPPASAEAPGEPDMLASVP PFVTFHTLILDMSGVSFVDLMGIKA LAKLSSTYKGIGVKVFLVNIHAQVYNDISHGGVFEDGSLECKHVFPSTHDAVLFAQANARDVTPGHNFQGAPG DAELSLYDSEEDIRSYWDLQEMFGSMFHAETLTAL
#66	MEQSGSRLEDFPVNVFSVTPYTBSTADIQVSDDDKAGATLLFSGIFLGLVGITFTVMGWIKYQGVSHFEWTQL LGPVLLSVGVTFILIAVCKFKMLSCQLCKESEERVDPDSEQTGGGPFVFTGINQPIITFHGATVVQYIPPPYGS PEPMGINTSYLQSVVSPCGLITSGGAAAAMSSPPQYTYIPQDNFAFVVDEGCLSFDTGGNHRPNPDVDQLEE TQLEEEACACFSPPPYEEIYSLPR
#67	ACACGAATGGTAGATACAGTG
#68	ATACTTGTGAGCTGTTCCATG
#69	ACTGTTACCTTGCATGGACTG
#70	CAATGAGAACACATGGACATG
#71	CCATGAAAGCTCCATGTCTAC
#72	AGAGATGGCACATATTCTGTC
#73	ATCGGCTGAAGTCAAGCATCG
#74	TGGTCAGTGAGGACTCAGCTG
#75	TTTCTCTGCTTGATGCACTTG
#76	GTGAGCACTGGGAAGCAGCTC
#77	GGCAAATGCTAGAGACGTGAC
#78	AGGTGTCCTTCAGCTGCCAAG
#79	GTTAAGTGCTCTCTGGATTTG
#80	ATCCTGATTGCTGTGTGCAAG
#81	CTCTTCTAGCTGGTCAACATC
#82	CCAGCAACAACCTTACGTGGTC
#83	CCTTTATTACCCAATCACTC
#84	agaacagcgcagtttgcctccgctcacgcagagcctctccgtggcctccgcaccttgag cattaggccagttctcctcttctcttaatccatccgtcacctctcctgtcatccggttc catgccgtgaggtccattcacagaacacatccatggctctcatgctcagtttggttctga gtctcctcaagctgggatcagggcagtggtggttgggcccagacaagcctgtccagg ccttggtgggggaggacgcagcattctcctgttctcctgaagaccaatgcagagg ccatggaagtgcggttcttcaggggccagttctctagcgtggtccacctctacagggacg

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#85	<p>malmlslvlslklkgsgqwvfqpdkpqvqalvgedaafscflspktnaeamevrffrgqf ssvvhllyrdgkdqpfmqmpyyqgrtklvkdsiaegrislrlnitvldaglygcrissqs yyqkaiwelqvsalgsvglisitgyvdrdiqlcqssegwfprrptakwkpgqgdlstdsr tnrdmhglfdveisltvqenagsiscsmrhahlsrevesrvqigdtffepiswhlatkvl gilccglffgivglkiffskfqckrereawagalfmvpagtgsemphpaaslllavlslr gpgpkkenpggtglekkartgrierrpetrsggdsgsrdgspealrf</p>
#86	ATTCATGGTTCCAGCAGGGAC
#87	GGGAGACAAAGTCACGTACTC

#88	TCCTGGTGTTCGTGGTCTGCTT
#89	GAGAGTCCTGGCTTTTGTGGGC
#90	GSSDLTWPPAIKLG
#91	DRYVAVRHPLRARGLR
#92	VAPRAKAHKSQDSLC
#93	CFRSTRHNFNSMR
#94	MNGTYNTCGSSDLTWPPAIKLG
#95	RDTSDTPLCQLSQG
#96	GIQEGGF CFRSTRHNFNSMRFP
#97	AKEFQEASALAVAPRAKAHKSQDSLCVTLA
#98	TCCTGCTCGTCGCTCTCCTGAT
#99	TCGCTTTTTGTCTGCTATTTC
#100	HNGSYEISVLMMGNS
#101	NLPTPPTVENQORLA

#102	RKYRKDYELRQKKWSHIPPENIFPLETNETNHVSLKIDDDKRRDTIQRLRQCKYDKKRVILKDLKHNDGN FTEKQKIELNKLQIDYYNLTKFYGTVKLDTMIFGVIEYCERGSRLREVLNDTISYPDGTfMDWEFKISVL YDIAGMSYLHSSKTEVHGRLKSTNCVVDSDRMVVKITDFGCNSILPpKDLWTAPEHLRQANISQKGDVY SYGIIAQEIILRKETFYTLSCRDRNEKIFRVENSNGMKPFRPDLFLETAEEKELEVYLLVKNCWEEDPEK RPDFKKIETTLAKIFGLFHDQKNESYMDTLIRRLQLYSRNLEHLVEERTQLYKAERDRADRLNFMLLPRL VVKSLKEKGfVEPELYEEVTIYFSDIVGFTTICKYSTPMEVVDMLNDIYKSFHDHVDHVDYKVKETIGDA YMVASGLPKRNGNRHAIDIAKMALEILSFMGTfFEHLPLPIWIRIGVHSGPCAAGVVGIKMPRYCLFG DTVNTASRMESTGLPLRIHVSGSTIAILKRTECQFLYEVRGETYlKGRGNETTYWLTGMKDQKFNLPfP TVENQQRLQAEFSDMIANSLOKRAAGIRSQKPRRVASYKKGtLEYLQlNTTDKESTYF
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#105	LINKVPLPVDKLAPL
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#107	TGTTTTCAACTACCAGGGGC
#108	TGTTGGCTTTGGCAGAGTCC
#109	GAGGCAGAGTTCAGGCTTCACCGA
#110	TGTTGGCTTTGGCAGAGTCC
#111	TGMDMWSTQDLYDNPVTSVFQYEGlWRSCVRQSSGFTECRPYFTILGLPAMlQAVR
#112	DQWSTQDLYNNPVTAVFNYQGLWRSCVRESSGFTECRGYFTLL GLPAMlQAVR
#113	STQDLYNNPVTAVF
#114	DMWSTQDLYDNP
#115	CRPYFTILGLPA
#116	TNEWMSTANMYTG
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#118	MSTTTCQVVAFLLSILGLAGCIAATGMDMWSTQDLYDNPVTSVF QYEGlWRSCVRQSSGFTECRPYFTILGLPAMlQAVRALMIVGIVLGAIGLLVSIFALK CIRIGSMEDSAKANMTLTSGIMFIVSGLCAIAGVSFANMLVTNFWMSTANMYTGMGG MVQTVQTRYTFGAALFVGWVAGGLTLIGGVMMCIACRGLAPEETNYKAVSYHASGHSV AYKPGGFKASTGFGSNTKNKKIYDGGARTEDEVQSYPSKHdYV
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#120	MSTTTCQVVAFLLSILGLAGCIAATGMDMWSTQDLYDNPVTSVFQYEGlWRSCVRQSSGFTECRPYFTI
#121	AATGAGAGGAAAGAGAAAAAC
#122	ATGGTAGAAGAGTAGGCAAT
#123	EKWNLHKRIALKMVC
#124	CLGFNFKEMFK
#125	TAATGATGAACCCTACACTGAGC

#126	ATGGACAAATGCCCTACCTT
#127	AGTGCTGGAAGGATGTGCGTGT
#128	TTGAGGTGGTTGTTGGGTTT
#129	AGATGTGCTGAGGCTGTAGA
#130	ATGAAGGTTGATTATTTGAG
#131	AGCCGCATACTCCCTTACCCTCT
#132	GCAGCAGCCCAAACACCACA
#133	CTGAGCCGAGAGGTGGAATC
#134	CTCTCTCGCTTACACTGGAA
#135	QWQVFGPDKPVQAL
#136	AKWKGPQGQDLSTDS
#137	NMLVTNFWMSTANMYTGMGGMVQTVQTRYTFG